

# Family-group names in Coleoptera (Insecta)

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## Abstract

We synthesize data on all known extant and fossil Coleoptera family-group names for the first time. A catalogue of 4887 family-group names (124 fossil, 4763 extant) based on 4707 distinct genera in Coleoptera is given. A total of 4492 names are available, 183 of which are permanently invalid because they are based on a preoccupied or a suppressed type genus. Names are listed in a classification framework. We recognize as valid 24 superfamilies, 211 families, 541 subfamilies, 1663 tribes and 740 subtribes. For each name, the original spelling, author, year of publication, page number, correct stem and type genus are included. The original spelling and availability of each name were checked from primary literature. A list of necessary changes due to Priority and Homonymy problems, and actions taken, is given. Current usage of names was conserved, whenever possible, to promote stability of the classification.

New synonymies (family-group names followed by genus-group names): AGRONOMINA Gistel, 1848 **syn. n.** of AMARINA Zimmermann, 1832 (CARABIDAE), HYLEPNIGALIOINI Gistel, 1856 **syn. n.** of MELANDRYINI Leach, 1815 (MELANDRYIDAE), POLYCYSTOPHORIDAE Gistel, 1856 **syn. n.** of MALACHIINAE Fleming, 1821 (MELYRIDAE), SCLERASTEINAE Gistel, 1856 **syn. n.** of PTILININAE Shuckard, 1839 (PTINIDAE), PHLOEONOMINI Ádám, 2001 **syn. n.** of OMALIINI MacLeay, 1825 (STAPHYLINIDAE),



SEPEDOPHILINI Ádám, 2001 **syn. n.** of TACHYPORINI MacLeay, 1825 (STAPHYLINIDAE), PHIBALINI Gistel, 1856 **syn. n.** of CTENIOPODINI Solier, 1835 (TENEBRIONIDAE); *Agronoma* Gistel 1848 (type species *Carabus familiaris* Duftschmid, 1812, designated herein) **syn. n.** of *Amara* Bonelli, 1810 (CARABIDAE), *Hylepnigalio* Gistel, 1856 (type species *Chrysomela caraboides* Linnaeus, 1760, by monotypy) **syn. n.** of *Melandrya* Fabricius, 1801 (MELANDRYIDAE), *Polycystophorus* Gistel, 1856 (type species *Cantharis aeneus* Linnaeus, 1758, designated herein) **syn. n.** of *Malachius* Fabricius, 1775 (MELYRIDAE), *Sclerastes* Gistel, 1856 (type species *Ptilinus costatus* Gyllenhal, 1827, designated herein) **syn. n.** of *Ptilinus* Geoffroy, 1762 (PTINIDAE), *Paniscus* Gistel, 1848 (type species *Scarabaeus fasciatus* Linnaeus, 1758, designated herein) **syn. n.** of *Trichius* Fabricius, 1775 (SCARABAEIDAE), *Phibalus* Gistel, 1856 (type species *Chrysomela pubescens* Linnaeus, 1758, by monotypy) **syn. n.** of *Omophlus* Dejean, 1834 (TENEBRIONIDAE). The following new replacement name is proposed: GOMPELIINA Bouchard, 2011 **nom. n.** for OLOTELINA Báguena Corella, 1948 (ADERIDAE).

Reversal of Precedence (Article 23.9) is used to conserve usage of the following names (family-group names followed by genus-group names): PERIGONINI Horn, 1881 nom. protectum over TRECHICINI Bates, 1873 nom. oblitum (CARABIDAE), ANISODACTYLINA Lacordaire, 1854 nom. protectum over EURYTRICHINA LeConte, 1848 nom. oblitum (CARABIDAE), SMICRONYCHINI Seidlitz, 1891 nom. protectum over DESMORINI LeConte, 1876 nom. oblitum (CURCULIONIDAE), BAGOINAE Thomson, 1859 nom. protectum over LYPRINAE Gistel 1848 nom. oblitum (CURCULIONIDAE), ATERPINA Lacordaire, 1863 nom. protectum over HELIOMENINA Gistel, 1848 nom. oblitum (CURCULIONIDAE), NAUPACTINI Gistel, 1848 nom. protectum over IPHIINI Schönherr, 1823 nom. oblitum (CURCULIONIDAE), CLEONINI Schönherr, 1826 nom. protectum over GEOMORINI Schönherr, 1823 nom. oblitum (CURCULIONIDAE), MAGDALIDINI Pascoe, 1870 nom. protectum over SCARDAMYCTINI Gistel, 1848 nom. oblitum (CURCULIONIDAE), AGRYPNINAE/-INI Candèze, 1857 nom. protecta over ADELOCERINAE/-INI Gistel, 1848 nom. oblita and PANGAURINAE/-INI Gistel, 1856 nom. oblita (ELATERIDAE), PROSTERNINI Gistel, 1856 nom. protectum over DIACANTHINI Gistel, 1848 nom. oblitum (ELATERIDAE), CALOPODINAE Costa, 1852 nom. protectum over SPAREDRINAE Gistel, 1848 nom. oblitum (OEDEMERIDAE), ADESMIINI Lacordaire, 1859 nom. protectum over MACROPODINI Agassiz, 1846 nom. oblitum (TENEBRIONIDAE), BOLITOPHAGINI Kirby, 1837 nom. protectum over ELEDONINI Billberg, 1820 nom. oblitum (TENEBRIONIDAE), THROSCIDAE Laporte, 1840 nom. protectum over STEREOOLIDAE Rafinesque, 1815 nom. oblitum (THROSCIDAE) and LOPHOCATERINI Crowson, 1964 over LYCOPTINI Casey, 1890 nom. oblitum (TROGOSSITIDAE); *Monotoma* Herbst, 1799 nom. protectum over *Monotoma* Panzer, 1792 nom. oblitum (MONOTOMIDAE); *Pediacus* Shuckard, 1839 nom. protectum over *Biophloeus* Dejean, 1835 nom. oblitum (CUCUJIDAE), *Pachypus* Dejean, 1821 nom. protectum over *Pachypus* Billberg, 1820 nom. oblitum (SCARABAEIDAE), *Sparrmannia* Laporte, 1840 nom. protectum over *Leocaeta* Dejean, 1833 nom. oblitum and *Cephalotrichia* Hope, 1837 nom. oblitum (SCARABAEIDAE).

## Keywords

Beetles, nomenclature, classification, world fauna, family-group names, type genera, stem



*Zoological nomenclature affects the work of all zoologists, yet only a minuscule fraction of one percent of [the craziest] zoologists deal directly with problems associated with scientific names of animals*  
(Bock 1994).

## Introduction

The accurate use of scientific names in zoology is necessary to minimize nomenclatural instability and allow the maximal retrieval of scientific information from the ever increasing body of literature. Akin to other scientific names such as species- and genus-group names, family-group names are extremely important in the exchange of information about the world we live in. Rules about how to treat family-group names, as determined by the *International Commission on Zoological Nomenclature* [henceforth the Commission], have been an integral part of zoological nomenclature since the early 1900s (for a historical review of family-group names refer to Bock 1994).

The first family-group names based on the stem of their type genus appeared in zoological literature in the early 19<sup>th</sup> Century (see Sabrosky 1999). The first authors inconsistently used a variety of endings (–IDES, –ITES, –IDA, –I, –IDE, etc.) for suprageneric divisions at various levels. The ending –IDAE was apparently first suggested by Kirby (1813) as a characteristic ending for names at the rank of family. Although many ranks have been used in the past for suprageneric names, only the following suffixes are currently regulated by the *International Code of Zoological Nomenclature* [henceforth the Code] (ICZN 1999a): superfamily (–OIDEA), family (–IDAE), subfamily (–INAE), tribe (–INI) and subtribe (–INA).

The last twenty five years has seen an increase in the number of studies on family-group names of entire groups in zoology (e.g., Štys and Jansson 1988 for Hemiptera: Nepomorpha; Bock 1994 for Aves; McKenna and Bell 1997 for Mammalia; Ferraris and de Pinna 1999 for Pisces: Siluriformes; Sabrosky 1999 for Diptera; Engel and Krishna 2004 for Isoptera; Speidel and Naumann 2004 for Lepidoptera: NOCTUOIDEA; Bouchet and Rocroi 2005 for Gastropoda; Engel 2005 for Hymenoptera: APOIDEA; Engel and Haas 2007 for Dermaptera; Bouchet and Rocroi 2010 for Bivalvia). The contents (i.e., whether they include fossils or not) and presentation of the data (i.e., in a classification scheme, in chronological order or in alphabetic order) in those works vary greatly. The most extensive treatments of animal family-group names to date are those of Diptera (Sabrosky 1999) and Gastropoda (Bouchet and Rocroi 2005) which covered names based on approximately 2000 and 2400 distinct type genera respectively. Some of the reasons given by authors of these works for providing comprehensive lists of family-group names include avoiding the unnecessary proposal of new names, facilitating decisions on priority and promoting long-term stability of the classification. We believe that such catalogues are especially important as the number of studies



dealing with the higher relationships of major clades will continue to increase as new algorithms and data sets (e.g., molecular data) become available.

Given the importance of family-group names in the scientific literature, it is rather surprising that still many authors do not cite the author or year of publication of those names correctly, or at all. According to Recommendation 51A of the Code (ICZN 1999a) “The original author and date of a name should be cited at least once in each work dealing with the taxon denoted by that name.” In addition to satisfying Recommendation 51A of the Code, citation of authorities of scientific names can also have a positive impact on modern world taxonomists (Werner 2006; Agnarson and Kuntner 2007). Adding to further confusion and errors in the literature is the fact that the Principle of Coordination (Art. 36.1) is still overlooked by some authors.

Coleoptera are currently the most species-rich group of organisms on this planet with approximately 360 000 described species (Bouchard et al. 2009). The great morphological diversity of beetles has led to the proliferation of suprageneric taxa at various ranks. Latreille (1797) was apparently the first to introduce the concept of family-level taxa (see Bock 1994: 244) but it is only a few years later (Latreille 1802) that he proposed available names for these groupings, including several in the order Coleoptera. More recent evidence suggests that available family-group names in some groups of animals other than Coleoptera (e.g., Chordata: Sauropsida) appeared in the late 18<sup>th</sup> Century (see Dubois and Bour 2010), even earlier than in Latreille (1802).

The nomenclature of family-group names in Coleoptera did not receive much attention until the treatment of Geadephaga names by Madge (1989). Similar lists, based on rules from two different editions of the Code (ICZN 1985g, 1999a), have now been published in DYTISCIDAE (Nilsson et al. 1989), Staphyliniformia (Newton and Thayer 1992), CUCUJOIDEA (Pakaluk et al. 1994), CURCULIONOIDEA (Alonso-Zarazaga and Lyal 1999), BUPRESTOIDEA (Bellamy 2003, 2008a-d, 2009), TENEBRIONIDAE (Bouchard et al. 2005), SCARABAEOIDEA (Smith 2006) and CERAMBYCIDAE (Bousquet et al. 2009). Another important contribution was that of Lawrence and Newton (1995) which included a review of the nomenclature of all beetle family-group names for the rank of subfamily and above.

The vast body of scientific literature dealing with beetles has been a deterrent to producing a complete review of all Coleoptera family-group names in the past. This publication was only made possible by the collaboration of several coleopterists.

The specific objectives of this study are to: 1) establish the first comprehensive list of all Coleoptera family-group names with information on type genus, author(s), year of publication and complete bibliographical references; 2) assess the availability and validity of each name using rules laid out in the most recent *Code of Zoological Nomenclature* (ICZN 1999a), 3) summarize Priority and Homonymy problems with currently used names and, 4) propose or implement solutions to these problems in order to promote stability. We include family-group names that were published on or before December 31, 2010.

This publication should be seen as the starting point of what could eventually serve as the basis for a submission of Part of a *List of Available names in Zoology* (Art. 79).



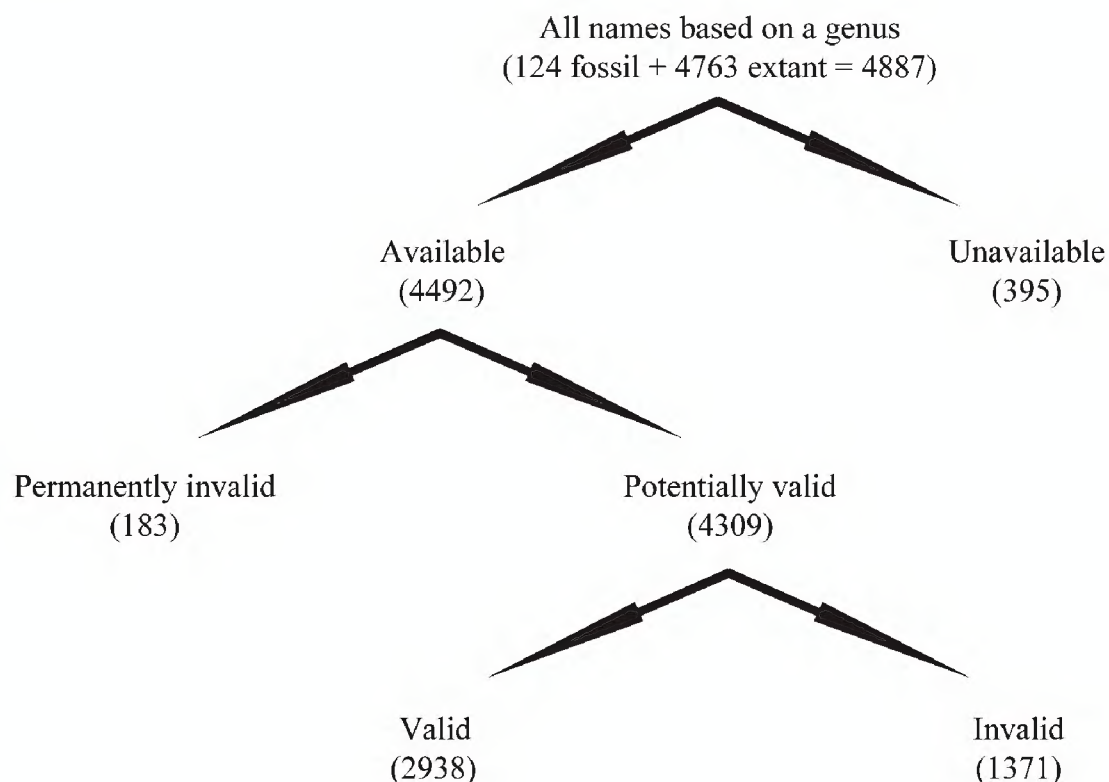
With this goal in mind, we ask all coleopterists to either send us, or to publish, corrections or differences of opinions in the months and years to come. It is our intention to update our list of family-group names as new data are published and to provide a second edition of this work in approximately five years.

## Methods

### Criteria of availability

Decisions about the availability and validity of each Coleoptera family-group name in our catalogue were made following the process outline in Figure 1. First we established whether the name was available or unavailable based on the criteria of availability summarized below. If a name first proposed on a particular type genus was determined to be unavailable then searches were conducted to establish if a family-group name based on the same type genus was made available subsequently. If so then this available name was entered in our catalogue. From the pool of available names, we removed those that are permanently invalid (Art. 39). All the remaining available names were then separated into those that are valid based on the classification used here (at any rank from subtribe to superfamily) and those that are invalid (i.e., synonyms).

In order to be available, a family-group name proposed before 1931 must to be a scientific name (i.e., in latinized form) in the nominative plural based on the stem of an available genus name then used as valid in the new suprageneric taxon (Art. 11.7).



**Figure 1.** Overview of the process used to determine the availability and validity of family-group names in Coleoptera (modified from Bouchet and Rocroi 2005). The number of names for each category is given in parentheses.



In addition to the criteria of availability mentioned above, new family-group names proposed between 1931 and 1999 had to be described in words, or be associated with a bibliographic reference to such a description, in order to be considered available (Arts 13, 15). In works published after 1930 which contained more than one use of a new family-group name, we selected a page where a description was clearly associated with the new taxon for the catalogue. It should be noted that replacement names proposed in that time period are available without description (Art. 13.1.3). Additionally, “a family-group name first published after 1930 and before 1961 which does not satisfy the provisions of Article 13.1 is available from its original publication only if it was used as valid before 2000, and also was not rejected by an author who, after 1960 and before 2000, expressly applied Article 13 of the then current editions of the Code” (Art. 13.2.1). Names proposed between 1931 and 1960 can also be considered available if the description of the new family-group name and a single new genus-group name is combined (Art. 13.5). Finally, family-group names proposed since 2000 have to be explicitly indicated as new and the name of the type genus has to be clearly cited in order to be available (Art. 16). Based on our interpretation of Article 16.2, any new family-group name proposed after 1999 in a paper in which the name of the type genus is clearly cited in connection with it (although maybe not explicitly with a formula such as “Type genus = *Aus* Doe, 2010”) is available.

One of the most difficult tasks while working on this review was to decide on the most consistent and objective way to apply Article 11.7.2, which deals with the availability of names that were originally proposed in a vernacular form. Vernacular names are generally not treated as scientific names in zoological nomenclature (see Recommendation 11A). However, the International Commission on Zoological Nomenclature has made a single, but rather restricted, exception that applies to family-group names. According to the Code, a vernacular name “...is available with its original author and date only if it has been latinized by later authors and has been generally accepted as valid by authors interested in the group concerned and as dating from that first publication in vernacular form” (Art. 11.7.2).

We have interpreted names proposed in the following languages to be vernacular: all German names with the suffix “-EN”, all Spanish names with the suffix “-OS” or “-AS” and all French names with the suffix “-IENS”. The most important issue was to determine the correct status of names originally proposed with the suffix “-ES.” We have used the principle that all family-group names proposed by non-French writers with the suffix “-ES” were in fact latinized names with an ending that differs from those regulated by the Commission (these are mostly older names proposed before rules of zoological nomenclature became well-established). For each name with the suffix “-ES” first proposed by French workers (e.g., Latreille, Lacordaire, Lameere) we went through the entire work containing those names and established if these authors consistently used either vernacular or latinized names in their work. French vernacular names often have accents in them (“é” or “è”) while latinized names do not. We have found that determining whether an author used vernacular or latinized names in a particular work was fairly straightforward (Bousquet et al. 2009). Latreille proposed



new family-group names with the suffix “-ES” in several of his works. We noticed that he most often used both the vernacular (listed first, with accents when required by French language) and latinized (listed second, always in italics) forms of each name together in the same heading. We have listed the latinized form of the name in each of those cases.

As in Bousquet et al. (2009), we have interpreted the requirements listed in Art. 11.7.2. as three separate conditions to be met. For each vernacular name we determined if it had 1) been subsequently latinized, 2) been generally accepted as valid by authors interested in the group and 3) been attributed to the author and date of original publication. Failure to fulfil any of the requirements resulted in the treatment of that name as unavailable. In those cases, we provide a comment explaining why this taxon was treated as unavailable (e.g., “original vernacular name unavailable (Art. 11.7.2): not subsequently latinized”). Many recent authors have treated family-group names first proposed in vernacular form as available if they were latinized by later authors but we do not believe that this practice is in line with the requirements of the Code. We have accepted as available all vernacular names published before 1900 that have subsequently been used in latinized form, while being used as valid, and credited to the publication in their vernacular form. For every vernacular name that meets the requirement of availability, we have added a comment in the format of the following example “original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 240, as *MERACANTHINI*), generally accepted as in Gebien (1911: 567, as *MERACANTHINAE*)”.

### Formation and treatment of family-group names

Article 29.2 includes a list of suffixes to be used for groups at the superfamily (-OIDEA), family (-IDAE), subfamily (-INAE), tribe (-INI) and subtribe (-INA) names. The suffix of other categories is not regulated by the Code. The rank of supertribe (-ITAE) was used here for a small number of groups in which recent changes in classification required an additional rank between subfamily and tribe (e.g., STAPHYLINOIDEA).

The correct spelling of family-group names depends on the stem of its type genus (Art. 29.3). As pointed out by Newton and Thayer (1992) the family-group name stems of most generic names that can be regarded as Latin nouns are determined easily by dropping the following nominative case ending *-us*, *-um*, *-es* and *-a*. Examples of such straightforward case in Coleoptera include CARABIDAE (type genus *Carabus*), ADELIINI (type genus *Adelium*), TRECHODINA (type genus *Trechodes*) and ANTHIINI (type genus *Anthia*). A summary of other commonly encountered generic endings, along with their corresponding stems, is given in Table 1. Note that generic names ending with *-gaster* (Greek for stomach) can have either *-gaster-* or *-gastr-* as their correct stem and therefore we have accepted the stem formation of the first author of the family-group name based on such genera as correct. Stems were reviewed for all type genera included in our catalogue.



**Table 1.** List of common Coleoptera generic suffixes with their associated family-group name endings (based partly on Bouchet and Rocroi 2005, with additions by YB, AFN, MAAZ and M. K. Thayer).

Generic ending	Meaning	Derived family-group name ending	Type genus example	Family-group name example
-apion	pear (Greek)	-API-	<i>Aspidapion</i>	ASPIDAPIINA
-arthron	joint (Greek)	-ARTHR-	<i>Decarthron</i>	DECARTHRIINA
-aspis	shield (Greek)	-ASPID-	<i>Anaspis</i>	ANASPIDINAE
-baris	flat-bottomed boat (Greek)	-BARID-	<i>Baris</i>	BARIDINI
-chlamys	mantle (Greek)	-CLAMYD-	<i>Spodochlamys</i>	SPODOCHLAMYDINI
-celis	spot (Greek)	-CELID-	<i>Xiphoscelis</i>	XIPHOSCELIDINI
-ceras	horn (Greek)	-CERAT-	<i>Megaceras</i>	MEGACERATINI
-cnema	shin or tibia (Greek)	-CNEM-	<i>Pachycnema</i>	PACHYCNEMINA
-cupes	dainty (Latin)	-CUPED-	<i>Cupes</i>	CUPEDIDAE
-dacne	bite (Greek)	-DACN-	<i>Dacne</i>	DACNINI
-deres	neck, throat (Greek)	-DER-	<i>Aglycyderes</i>	AGLYCYDERINI
-derma	skin (Greek)	-DERMAT-	<i>Cryptoderma</i>	CRYPTODERMATINAE
-dytes	diver (Greek)	-DYT-	<i>Aspidytes</i>	ASPIDYTIDAE
-genys	jaw (Greek)	-GENY-	<i>Chaetogenys</i>	CHAETOGENYINI
-hospes	guest (Latin)	-HOSPIT-	<i>Termitohospes</i>	TERMITOHOSPITINI
-ides	similar to, derived from (Greek)	-ID-	<i>Anaides</i>	ANAIDINAE
-ifer	carrier of (Latin)	-IFER-	<i>Undulifer</i>	UNDULIFERINAE
-iger	carrier of (Latin)	-IGER-	<i>Apoderiger</i>	APODERIGERINA
-ites	like (Latin, Greek)	-IT-	<i>Aegialites</i>	AEGIALITINAE
-loma	edge or fringe (Greek)	-LOMAT-	<i>Discoloma</i>	DISCOLOMATINAE
-macer	thin (Latin)	-MACR-	<i>Rhynchitomacer</i>	RHYNCHITOMACRINI
-mycter	nose (Greek)	-MYCTER-	<i>Eurymycter</i>	EURYMYCTERINI
-odes	similar to (Greek)	-OD-	<i>Agyrtodes</i>	AGYRTODINI
-odon	tooth (Greek)	-ODONT-	<i>Pentodon</i>	PENTODONTINI
-oides	like (Greek)	-OID-	<i>Acmaeoderoides</i>	ACMAEODEROIDINA
-omma	eye (Greek)	-OMMAT-	<i>Omma</i>	OMMATIDAE
-onyx	yellow gem stone (Greek)	-ONYCH-	<i>Trichonyx</i>	TRICHONYCHINI
-ops	eye (Greek)	-OP-	<i>Achaenops</i>	ACHAENOPINA
-opsis	appearance (Greek)	-OPSE-	<i>Brachyceropsis</i>	BRACHYCEROPSEINI
-otes	quality, nature (Greek)	-OT-	<i>Agriotes</i>	AGRIOTINI
-pholis	horny scale (Greek)	-PHOLID-	<i>Trachypholis</i>	TRACHYPHOLIDINI
-pteryx	wing (Greek)	-PTERYG-	<i>Trichopteryx</i>	TRICHOPTERYGINI
-pus	foot (Greek)	-POD-	<i>Baripus</i>	BARIPODINA
-rhinus	snout (Greek)	-RHIN-	<i>Platyrhinus</i>	PLATYRHININI
-rhynchus	snout (Greek)	-RHYNCH-	<i>Doydirhynchus</i>	DOYDIRHYNCHINI
-rhipis	fan (Greek)	-RHIPID-	<i>Xenorhipis</i>	XENORHIPIDINI
-soma	body (Greek)	-SOMAT-	<i>Platysoma</i>	PLATYSOMATINI
-stoma	mouth (Greek)	-STOMAT-	<i>Stenostoma</i>	STENOSTOMATINI
-teles	perfect (Greek)	-TEL-	<i>Abroteles</i>	ABROTELINA
-termes	wood-worm (Latin)	-TERMIT-	<i>Philoterme</i>	PHILOTERMITINI
-thorax	chest (Greek)	-THORAC-	<i>Mecyclothorax</i>	MECYCLOTHORACINI
-trox	gnawer (Greek)	-TROG-	<i>Trox</i>	TROGIDAE
-trupes	borer (Greek)	-TRUP-	<i>Ceratotrupes</i>	CERATOTRUPINI
-typus	shape (Greek)	-TYP-	<i>Amarotypus</i>	AMAROTYPINI



It should be noted that if a family-group name was not formed in accordance with Art. 29.3 but its original spelling is in prevailing usage then the current spelling is to be maintained (Art. 29.5). We have conserved the spelling of several family-group names currently used as valid however we did not do so for names that are listed as synonyms. For names based on incorrect stems proposed after 1999, we have considered that prevailing usage cannot be used to conserve the original spellings because too few references using these names could be found. We have therefore corrected the stems of such names unless the name of the type genus was an arbitrary combination of letters (Art. 29.4).

As stated in Art. 35.4.1 “A family-group name based upon an unjustified emendation ... or an incorrect spelling of the name of the type genus must be corrected, unless it is preserved under Article 29.5 or unless the spelling of the genus-group name used to form the family-group name is preserved under Articles 33.2.3.1 or 33.3.1.” When an unjustified emendation or an incorrect subsequent spelling of the type genus is in prevailing usage and is attributed to the original author and date (Art. 33.2.3.1; 33.3.1), the correct spelling of the type genus is that in current usage.

In the glossary of the Code, a name in prevailing usage is defined as a “name which is adopted by at least a substantial majority of the most recent authors concerned with the relevant taxon, irrespective of how long ago their work was published”. The unfortunate subjectivity in this definition, as pointed out by Ferraris (2000), left us with no choice but determine prevailing usage in an *ad hoc* fashion throughout.

## Principle of Coordination

The Principle of Coordination (Art. 36.1) is, unfortunately, still overlooked by some authors. In some instances authors who propose new ranks for previously established suprageneric names are sometimes treated as the author of those names when in fact only a change of rank was presented. Based on the Code “A name established at any rank in the family-group is deemed to have been simultaneously established for nominal taxa at all ranks in the family-group; all these taxa have the same type genus, and their names are formed from the stem of the name of the type genus [Art. 29.3] with appropriate change of suffix [Art. 34.1]. The name has the same authorship and date at every rank.”

## Principle of Priority

As for species- and genus-group names, the oldest available name for a family-group taxon should be considered as valid (Art. 23). However four important exceptions need further discussion. Firstly, when a little-known family-group name was discovered to be older than a name currently used as valid for a particular taxon, we used the Reversal of Precedence to conserve usage of the younger name if the conditions of



Art. 23.9.2 could be fulfilled. Younger names conserved using Reversal of Precedence are listed in Appendix 1. In some instances we could not fulfill all conditions of Art. 23.9.2 although we considered that using the newly discovered older name as valid would threaten stability or cause confusion. In those cases we maintained usage of the younger name as valid and either submitted an application to the Commission to conserve the younger name or made a recommendation that such submission should be submitted in the near future (Art. 23.9.3).

According to Art. 35.5 “If after 1999 a name in use for a family-group taxon (e.g., for a subfamily) is found to be older than a name in prevailing usage for a taxon at higher rank in the same family-group taxon (e.g., for the family within which the older name is the name of a subfamily) the older name is not to displace the younger name.” Indeed, we encountered a small number of cases in which the replacement of a name at the higher rank (e.g., *LYMEXYLOIDEA* Fleming, 1821) by the discovery of an older name for a taxon at a lower rank (e.g., *HYLECOETOIDEA* Germar, 1818) would not have served the stability of well-established names. In such cases usage of the younger name at the higher rank was conserved.

In cases where a family-group name was replaced before 1961 because of the synonymy of its type genus (e.g., *LEPICERIDAE* Hinton, 1936 instead of *CYATHOCERIDAE* Sharp, 1882), the substitute name is to be maintained if it is in prevailing usage (Art. 40.2). In such cases, the valid family-group name retains its own author but takes the priority of the replaced name. Based on Recommendation 40A, we have cited those names with their original author and date, followed by the date of its priority enclosed in parentheses, as determined by Art. 40.2.1 (e.g., *LEPICERIDAE* Hinton, 1936 (1882)).

Lastly, if the stability and continuity of the meaning of a family-group name is threatened by the discovery that the type genus was originally misidentified, or that the type genus was based on a misidentified type species, or that an older type species of the type genus had been overlooked, then the case is to be referred to the Commission for a ruling (Art. 65.2.1). In cases where the oldest available name for a family-group taxon is based on misidentified type genus, or an altered concept of the type genus (e.g., see *SCYDMAENINI* Reitter, 1882), we have preferred to consider this name as invalid and to use instead the family-group name which is in prevailing usage (e.g., *CYRTOSCYDMINI* L. W. Schaufuss, 1889) until an application is submitted and a ruling is rendered by the Commission.

A list of problem cases based on the Principle of Priority, with comments on implementation of solutions or necessary actions to be taken in the future, is given in Appendix 2.

## Principle of Homonymy

Based on the Principle of Homonymy “when two or more names are homonyms, only the senior, as determined by the Principle of Priority..., may be used as the valid



name...” (Art. 55.2). Here we report several instances in which family-group names in Coleoptera are identical to other family-group names in zoological nomenclature. These names are either based on identical type genera or on type genera that are similar but not identical. In the first instance the family-group name based on the preoccupied type genus is permanently invalid (Art. 39) but available.

When family-group names are homonyms because their type genera are similar but not identical, the case must be referred to the Commission for a ruling to remove homonymy (Art. 55.3.1). Such is the case with ADELIINI Kirby, 1825 (type genus *Adelium* Kirby, 1819) and the hymenopteran name ADELIINI Viereck, 1918 (type genus *Adelius* Haliday, 1833) which are both correctly formed from the stem of their type genus. More than thirty such cases were encountered during our research on Coleoptera family-group names.

Junior homonyms conserved using Reversal of Precedence are listed in Appendix 1. A list of problem cases based on the Principle of Homonymy, with comments on implementation of solutions or necessary actions to be taken in the future, is given in Appendix 3.

### Submissions to the Commission

As mentioned above, we have encountered several cases which require an application to the Commission because of problems with priority and/or homonymy. Some of these cases have been submitted recently (Engel and Bouchard 2009, Bousquet et al. 2010, Bousquet and Bouchard 2010) and others will be submitted in the near future (see summary in Appendices 2 and 3). However, it is not our intention to submit applications for all cases. Since we intend to submit this work as Part of the *List of Available Names in Zoology* in approximately five years, we hope the coleopterist community will take this opportunity to submit applications to the Commission in order to resolve some of the remaining problems outlined here.

### Bibliographic notes

Von Hayek (1973: 282, 290) and Stibick (1979: 157) reported that the important works on ELATERIDAE classification by Candèze (1857) and Lacordaire (1857) were published in May and June of 1857 respectively. Since then, when the same new name appeared in both of these works, Candèze’s names have been given priority over Lacordaire’s. We have discovered that Lacordaire’s work was in fact published before 25 May 1857 (as recorded by the Académie des Sciences de France) which would make the names in his work the oldest based on strict adherence to the Code (Art. 21.3). In order to avoid unnecessary changes in authorship in the future and maintain prevailing usage, we have opted to continue attributing elaterid family-group names to Candèze, 1857.



Authorship of the three volumes on Coleoptera of the series *Encyclopédie d'histoire naturelle* is debated. The title pages on the volumes list Jean Charles Chenu as the author of the *Encyclopédie d'histoire naturelle* with the assistance of Eugène Desmarest for the Coleoptera section. However, the *Société Entomologique de France* recorded the livraisons received for 1851 in their *Bulletin* (p. cxxv) as “*Encyclopédie d'histoire naturelle, ou traité complet de cette science, sous la direction de M. le docteur Chenu. Coléoptères, par M.E. Desmarest.*” This was likely the title on the wrapper and clearly suggests that Desmarest was responsible alone for the three volume series on Coleoptera. This is also substantiated by Desmarest himself who in the *Bulletin de la Société Entomologique de France* for 1860 (p. lxiii) speaks of the three volumes series as being his work, published under the direction of Chenu. Based on the above fact, we credit the three-volume series to Desmarest alone (Desmarest 1851, 1857, 1860).

The articles presented by Mulsant (and Rey) in the “Opuscles Entomologiques” are considered here to be reprints (as a compilation) of original publications in various Annales, mostly printed at Lyon, for the following reasons: In the dedication to the first volume Mulsant wrote “ces Opuscles, publiés déjà ça et là dans nos Recueils académiques”. The dates of the dedications in the Opuscles are always later than the dates on which they were presented to the various Sociétés, frequently in the following year. Although published at Paris, the Opuscles (see verso of title pages) were printed at Lyon by F. Dumoulin and others, the same printers which published the *Mémoires de l'Académie... des Sciences, Belles-Lettres et Arts de Lyon*, etc. Rey himself, in later publications such as the continuation of the “Histoire Naturelle des Coléoptères de France” (e.g., *Annales de la Société Linnéenne de Lyon* (N. S.) 32[1885]: 1-186 + [4], pls. 1-2 [see p. 106]) cited the *Annales de la Société Linnéenne de Lyon* article before the *Opuscles* version. E. A. Fitch (1881: 46-47), in his obituary of Mulsant, indicated that both the *Histoire Naturelle des Coléoptères de France* and the *Opuscles Entomologiques* “appeared originally... in the Annals” and “later republished in separate form at Paris”. These concepts were reiterated by Tottenham (1949: 352). Marseul (1882: 20) wrote, “Tous les ouvrages de Mulsant, sauf quelques-uns, ont été publiés dans les Annales des trois sociétés... et l'Académie des Sciences. Tous ont été reproduits séparément soit dans l'*Histoire Naturelle des Coléoptères et des Punaises de France*, soit dans les *Opuscles.*»

However, the first fascicles of the *Histoire Naturelle* series up to the “*Pectinipèdes*” were not reprinted in journals. It seems that most of the succeeding fascicles were submitted to the various Sociétés, were printed by Dumoulin, Barret, Pinier, etc. at Lyon, the dedications were then added and they were sent to Paris for separate publication with the same typesetting, and with changes only to the pagination and some titles. Since the issuing of the journal volumes was frequently delayed by the compilation of many papers (usually in the following year), the separate edition often appeared first, as shown by records of other journals and, in particular, the *Bibliographie de la France*. Therefore we have given date priority to the *Histoire Naturelle* versions in most instances, only those page numbers are cited with the scientific names in the catalogue unless evidence was found to the contrary, and the alternate versions are cited only in the bibliography, following each reference.



## Format of the catalogue and conventions used

This paper is organized into two main parts: 1) a synoptic classification containing only the names which we consider as valid herein and 2) a catalogue of all family-group names organized in the same order as in the synoptic classification. It should be noted that our publication is first and foremost a nomenclatural treatment of family-group names. We want to emphasize that the classification used here is not based on newly generated phylogenetic data. Furthermore, we do not necessarily endorse all parts of the classification presented, particularly those which were not based on phylogenetic approaches. For the most part, we follow currently accepted concepts in recent taxon-specific catalogues as well as comprehensive syntheses such as the *Handbook of Zoology* (Beutel and Leschen 2005, Leschen et al. 2010), *American Beetles* (Arnett and Thomas 2000; Arnett et al. 2002) and the *Catalogue of Palaearctic Coleoptera* (Löbl and Smetana 2003, 2004, 2006, 2007, 2008, 2010). Although we recognize that the classification we use will likely become outdated in the near future, we believe that this is the best way to present the assembled data.

Only family-group names that are based on genera are included in our catalogue. For each family-group name the original spelling, author, year of publication, page number, correct stem and type genus are given. Complete data and comments regarding a particular family-group name are presented with the lowest-rank name when the same stem is used in more than one rank, since the same criteria apply in accordance with the Principle of Coordination (Art. 36.1). The correct stem to be used, which is given in square brackets (e.g., [stem: *Uralocole*-]), is especially important for synonyms, since the status of a name may be changed from synonym to valid in the future. Subsequent alternative spellings of family-group names (i.e., simple changes in suffix depending on change in rank) are not given here. Both available and unavailable names are listed together in the catalogue in order to enhance information retrieval. Unavailable names are preceded by an asterisk “\*” and are identified as such in the “Comments” section along with the reason for this status. As is common practice in publications of the International Commission on Zoological Nomenclature, we use small capital letters for family-group names. Names in the catalogue are organized in a “phylogenetic” framework, as accepted in recent publications on the group, down to subfamily level. Valid tribes and subtribes are listed in alphabetical order within each subfamily. Synonyms are listed in chronological order under each valid taxon.

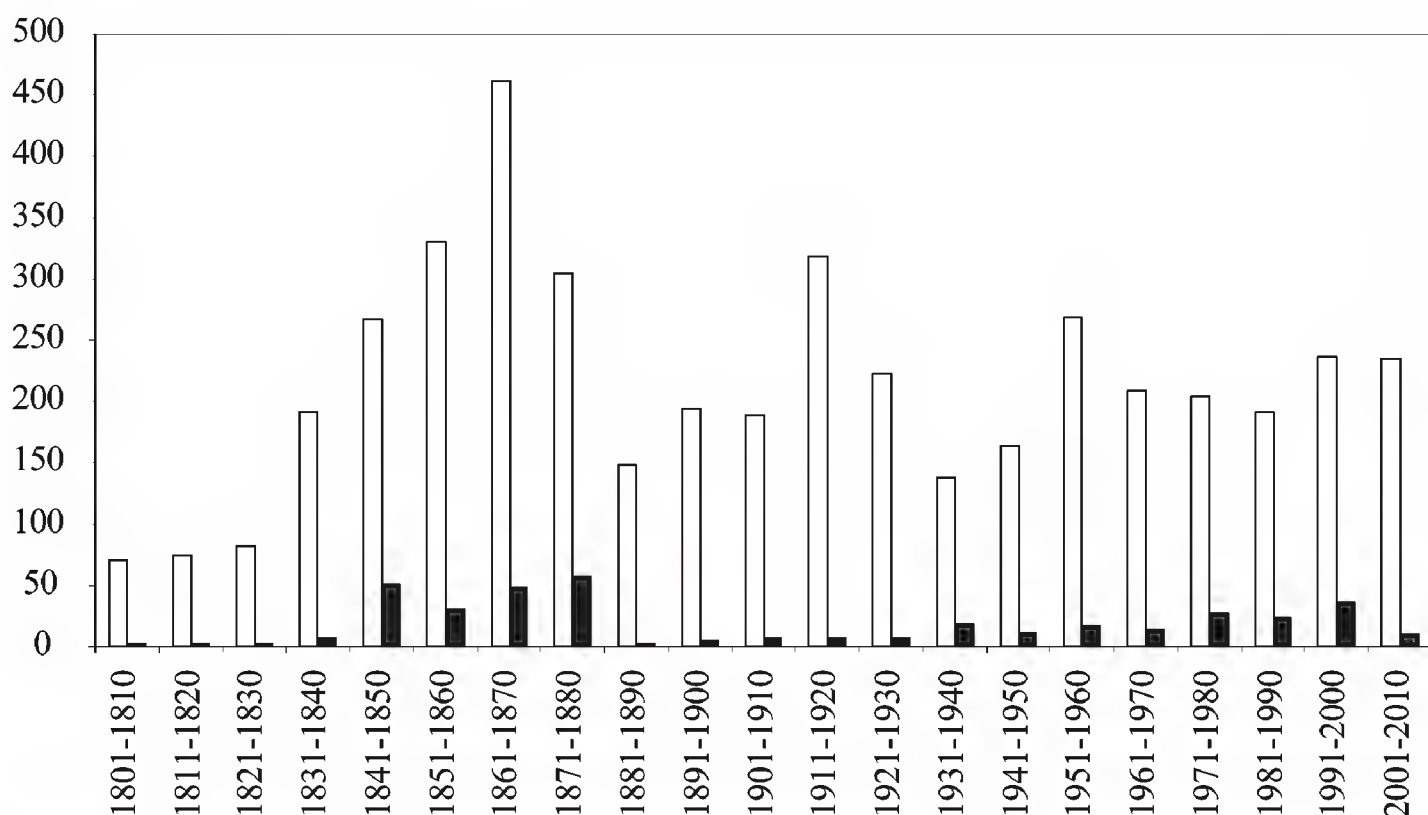
Known works of Johannes Gistel (who also published under the name Johannes Gistl and as G. Tilesius; see Evenhuis 1997a) were included in this paper. Although Gistel’s works were largely ignored by contemporaries (e.g., Gemminger and Harold 1868a) and continue to be ignored by some workers (e.g., Cate 2007) they are nevertheless broadly available and represent a significant contribution to the nomenclature of family-group and genus-group names in Coleoptera. In order to promote stability, some names proposed for the first time by Gistel (but ignored until now) that threaten names in current usage are treated here as *nomina oblita* (when conditions of Art. 23.9 could be met) or are subject to appeals to the Commission. According to the glossary



of the Code, a *nomen oblitum* is a “Latin term applied after 1 January 2000 to a name, unused since 1899, which as a result of an action taken under Article 23.9.2 does not take precedence over a younger synonym or homonym in prevailing usage. The term *nomen oblitum* was also applied to a disused senior synonym rejected between 6 November 1961 and 1 January 1973 under Art. 23b of the Code editions then in force (see Art. 23.12.2). *Nomina oblita* are available names; see Articles 23.9 and 23.12 for conditions controlling their use as valid names.”

Because of the importance of the Principle of Priority, we have tried to find the most accurate date of publication (given in square brackets in the References section) for works cited in the manuscript. The date of publication was determined either from the original publication itself, from the date of “stamps” when received in libraries of natural history institutions or from secondary literature sources. A list of natural history institutions and secondary literature sources is given at the beginning of the References section. Data on dates of publication were provided by AFN, PB, AED, MAAZ, CHCL, ABTS and YB. References for type genera are not included here to conserve space and because they are for the most part available in other recent publications (e.g., Löbl and Smetana 2003, 2004, 2006, 2007, 2008, 2010).

Names on the *Official List of Family-Group Names in Zoology* and type genera on the *Official List of Generic Names in Zoology* are included in our catalogue and are summarized in Appendix 4 and 5 respectively. Cases involving family-group names and/or their type genera that are awaiting a ruling by the Commission are summarized in Appendix 6.



**Figure 2.** Number of family-group names proposed in Coleoptera by decade. White bars = available names. Black bars = unavailable names.



## Results

### Number of family-group names

A total of 4887 family-group names are included in our catalogue (see Figure 1). Of the names recorded, 4492 are available, of which 183 are permanently invalid because they are based on a preoccupied type genus or a genus which has been suppressed by the Commission. The majority of names were proposed in the suborder Polyphaga (4314) followed by Adephaga (531), Myxophaga (16), Archostemata (17) and Proto-coleoptera (9). Within Adephaga the family CARABIDAE contains the highest number of names by far (441) followed by DYTISCIDAE (47). The five superfamilies with the highest number of names in POLYPHAGA are the CURCULIONOIDEA (862), CHRYSOMELOIDEA (794), STAPHYLINOIDEA (594), TENEBRIONOIDEA (579) and SCARABAEOIDEA (436). Overall, the five families with the highest number of family-group names proposed are CURCULIONIDAE (555), STAPHYLINIDAE (493), CERAMBYCIDAE (468), CARABIDAE (441) and TENEBRIONIDAE (323).

The number of Coleoptera family-group names that appeared in the 19<sup>th</sup> and 20<sup>th</sup> Centuries are almost identical (2331 and 2556 respectively) while the last decade saw an increase of 5% (246 names) in the total number of names in the literature (Figure 2). A large number of names proposed in the middle of the 19<sup>th</sup> Century are unavailable. Those names were generally proposed in vernacular form and were not made available subsequently (Art. 11.7.2). Unavailable names proposed after 1930 generally lacked a description or bibliographic reference to such a description (Arts 13, 15). Several names proposed in the last decade were either not explicitly introduced as new taxa or did not include necessary information about the type genus and are therefore unavailable (Art. 16).

### Significant contributions

A summary of the most significant contributions, in terms of the total number of names proposed by author, is shown in Table 2. Eighteen authors proposed 50 or more family-group names in Coleoptera. Lacordaire was the most prolific with 353 new names. Although the majority of Lacordaire's names were proposed in vernacular form, a large proportion of them (90%) were subsequently made available and many are used as valid today.

The authors with the lowest percentage of available family-group names (Mulsant, Chapuis, Rey and Blanchard) originally proposed their names in vernacular form and a significant proportion of those names were not made available subsequently. All names proposed by LeConte, Reitter, Casey, Horn, Legalov, C. G. Thomson and Laporte are considered available.

Thirteen of the authors in Table 2 were active exclusively during the 19<sup>th</sup> Century while two authors, Reitter and Casey, published their works containing new family-



group names in both the 19<sup>th</sup> and 20<sup>th</sup> Centuries. Two authors published family-group names exclusively during the 20<sup>th</sup> Century (Jeannel and Voss). Legalov is our only contemporary colleague in this list; he proposed more than 50 new family-group names in the last decade. It should be noted that the recent proliferation of new scientific names proposed by Legalov is treated by some authors as “extreme splitting” (Riedel 2006) and “based on numerous spurious characters of doubtful phylogenetic value” (Oberprieler et al. 2007).

The broad taxonomic interests and expertise of Lacordaire, Gistel, LeConte, Mulsant, Latreille and C. G. Thomson are exemplified by the fact that they introduced new family-group names in 25 or more families. This was done either in catalogues (e.g., Gistel, C. G. Thomson) and/or in large scale taxonomic treatments (e.g., Lacordaire, LeConte, Latreille, Mulsant). On the other hand, the taxonomic expertise of J. Thomson, Chapuis, Jeannel, Voss, Burmeister and Legalov is much more targeted towards a small number of families (fewer than 10).

**Table 2.** Summary of number of family-group names in Coleoptera by author. Only authors that have proposed fifty or more names are included. Authors listed in decreasing order by total number of names proposed. For each author we give the total number of name proposed, the percentage of those names that are available, the range of years in which those names were proposed and the number of families in which they proposed new family-group names in.

Rank	Author	Country of origin	Total family-group names	Percent available	Publication (year range)	Number of families
1	Lacordaire, Jean Théodore	France	353	90	1848–1872	34
2	Gistel, Johannes von Nepomuk Franz Xaver	Germany	135	99	1848–1856	42
3	LeConte, John Lawrence	USA	131	100	1847–1883	45
4	Thomson, James	USA	124	99	1857–1877	6
5	Mulsant, Étienne	France	122	76	1839–1880	25
6	Chapuis, Félicien	France	120	72	1869–1876	7
7	Jeannel, René	France	109	99	1910–1967	6
8	Reitter, Edmund	Germany	87	100	1875–1926	24
9	Legalov, Andrei Aleksandrovich	Russia	73	100	2001–2009	9
10	Voss, Eduard	Germany	66	97	1922–1972	6
11	Burmeister, Hermann Carl Conrad	Germany	66	98	1840–1873	2
12	Casey, Thomas Lincoln	USA	64	100	1884–1922	14
13	Horn, George Henry	USA	63	100	1867–1893	20
14	Latreille, Pierre André	France	62	98	1802–1834	30
15	Rey, Claudius	France	57	53	1853–1886	12
16	Thomson, Carl Gustaf	Sweden	55	100	1857–1867	27
17	Blanchard, Charles Émile	France	55	71	1845–1853	20
18	Laporte, François Louis Nompar de Caumont (Comte Castelnau)	France	51	100	1834–1840	21



## New nomenclatural acts

The following synonymies are recorded here for the first time: AGRONOMINA Gistel, 1848 syn. nov. of AMARINA Zimmermann, 1832 (CARABIDAE), HYLEPNIGALIOINI Gistel, 1856 syn. nov. of MELANDRYINI Leach, 1815 (MELANDRYIDAE), POLYCYSTOPHORIDAE Gistel, 1856 syn. nov. of MALACHIINAE Fleming, 1821 (MELYRIDAE), SCLERASTEINAE Gistel, 1856 syn. nov. of PTILININAE Shuckard, 1839 (PTINIDAE), PHLOEONOMINI Ádám, 2001 syn. nov. of OMALIINI MacLeay, 1825 (STAPHYLINIDAE), SEPEDOPHILINI Ádám, 2001 syn. nov. of TACHYPORINI MacLeay, 1825 (STAPHYLINIDAE), PHIBALINI Gistel, 1856 syn. nov. of CTENIOPODINI Solier, 1835 (TENEBRIONIDAE); *Agronoma* Gistel 1848 (type species *Carabus familiaris* Duftschmid, 1812, designated herein) syn. nov. of *Amara* Bonelli, 1810 (CARABIDAE), *Hylepnigalio* Gistel, 1856 (type species *Chrysomela caraboides* Linnaeus, 1760, by monotypy) syn. nov. of *Melandrya* Fabricius, 1801 (MELANDRYIDAE), *Polycystophorus* Gistel, 1856 (type species *Cantharis aeneus* Linnaeus, 1758, designated herein) syn. nov. of *Malachius* Fabricius, 1775 (MELYRIDAE), *Sclerastes* Gistel, 1856 (type species *Ptilinus costatus* Gyllenhal, 1827, designated herein) syn. nov. of *Ptilinus* Geoffroy, 1762 (PTINIDAE), *Paniscus* Gistel, 1848 (type species *Scarabaeus fasciatus* Linnaeus, 1758, designated herein) syn. nov. of *Trichius* Fabricius, 1775 (SCARABAEIDAE), *Phibalus* Gistel, 1856 (type species *Chrysomela pubescens* Linnaeus, 1758, by monotypy) syn. nov. of *Omophlus* Dejean, 1834 (TENEBRIONIDAE). The following replacement name is used here for the first time: GOMPELIINA Bouchard, 2011 nom. nov. for OLOTELINA Báguena Corella, 1948 (ADERIDAE).

Reversal of Precedence (Article 23.9) is used to conserve usage of the following names (family-group names followed by genus-group names): PERIGONINI Horn, 1881 nom. protectum over TRECHICINI Bates, 1873 nom. oblitum (CARABIDAE), ANISODACTYLINA Lacordaire, 1854 nom. protectum over EURYTRICHINA LeConte, 1848 nom. oblitum (CARABIDAE), SMICRONYCHINI Seidlitz, 1891 nom. protectum over DESMORINI LeConte, 1876 nom. oblitum (CURCULIONIDAE), BAGOINAE Thomson, 1859 nom. protectum over LYPRINAE Gistel 1848 nom. oblitum (CURCULIONIDAE), ATERPINA Lacordaire, 1863 nom. protectum over HELIOMENINA Gistel, 1848 nom. oblitum (CURCULIONIDAE), NAUPACTINI Gistel, 1848 nom. protectum over IPHIINI Schönherr, 1823 nom. oblitum (CURCULIONIDAE), CLEONINI Schönherr, 1826 nom. protectum over GEOMORINI Schönherr, 1823 nom. oblitum (CURCULIONIDAE), MAGDALIDINI Pascoe, 1870 nom. protectum over SCARDAMYCTINI Gistel, 1848 nom. oblitum (CURCULIONIDAE), AGRYPNINAE/-INI Candèze, 1857 nom. protecta over ADELOCERINAE/-INI Gistel, 1848 nom. oblita and PANGAURINAE/-INI Gistel, 1856 nom. oblita (ELATERIDAE), PROSTERNINI Gistel, 1856 nom. protectum over DIACANTHINI Gistel, 1848 nom. oblitum (ELATERIDAE), CALOPODINAE Costa, 1852 nom. protectum over SPAREDRINAE Gistel, 1848 nom. oblitum (OEDEMERIDAE), ADESMIINI Lacordaire, 1859 nom. protectum over MACROPODINI Agassiz, 1846 nom. oblitum (TENEBRIONIDAE), BOLITOPHAGINI Kirby, 1837 nom. protectum over ELEDONINI Billberg, 1820 nom. oblitum (TENEBRIONIDAE), THROSCIDAE Laporte, 1840 nom. protectum over STEREOLIDAE Rafinesque, 1815 nom. oblitum (THROSCIDAE) and LOPHO-



CATERINI Crowson, 1964 over LYCOPTINI Casey, 1890 nom. oblitum (TROGOSSITIDAE); *Monotoma* Herbst, 1799 nom. protectum over *Monotoma* Panzer, 1792 nom. oblitum (MONOTOMIDAE); *Pediacus* Shuckard, 1839 nom. protectum over *Biophloeus* Dejean, 1835 nom. oblitum (CUCUJIDAE), *Pachypus* Dejean, 1821 nom. protectum over *Pachypus* Billberg, 1820 nom. oblitum (SCARABAEIDAE), *Sparrmannia* Laporte, 1840 nom. protectum over *Leocaeta* Dejean, 1833 nom. oblitum and *Cephalotrichia* Hope, 1837 nom. oblitum (SCARABAEIDAE).

## Synoptic classification of the world Coleoptera

### Order COLEOPTERA

#### †Suborder PROTOCOLEOPTERA

##### †Superfamily TSHEKARDOCOLEOIDEA Rohdendorf, 1944

†Family TSHEKARDOCOLEIDAE Rohdendorf, 1944

†Family LABRADOROCOLEIDAE Ponomarenko, 1969

†Family OBOROCOLEIDAE Kukalová, 1969

##### †Superfamily PERMOCUPEDOIDEA Martynov, 1933

†Family PERMOCUPEDIDAE Martynov, 1933

†Family TALDYCUPEDIDAE Rohdendorf, 1961

##### †Superfamily PERMOSYNOIDEA Tillyard, 1924

†Family ADEMOSYNIDAE Ponomarenko, 1968

†Family PERMOSYNIDAE Tillyard, 1924

#### Suborder ARCHOSTEMATA

Family CROWSONIELLIDAE Iablokoff-Khnzorian, 1983

Family CUPEDIDAE Laporte, 1836

Subfamily PRIACMINAE Crowson, 1962

†Subfamily MESOCUPEDINAE Ponomarenko, 1969

Subfamily CUPEDINAE Laporte, 1836

Family MICROMALTHIDAE Barber, 1913

Family OMMATIDAE Sharp and Muir, 1912

†Subfamily BROCHOCOLEINAE Hong, 1982

Subfamily TETRAPHALERINAE Crowson, 1962

Subfamily OMMATINAE Sharp and Muir, 1912

†Tribe LITHOCUPEDINI Ponomarenko, 1969

†Tribe NOTOCUPEDINI Ponomarenko, 1966



- Tribe OMMATINI Sharp and Muir, 1912  
**Family JURODIDAE Ponomarenko, 1985**  
†**Family TRIADOCUPEDIDAE Ponomarenko, 1966**  
†**Family MAGNOCOLEIDAE Hong, 1998**  
†**Family OBRIENIIDAE Zherikhin and Gratshev, 1994**  
    †**Subfamily KARARHYNCHINAE Zherikhin and Gratshev, 1994**  
        †Tribe KARARHYNCHINI Zherikhin and Gratshev, 1994  
        †Tribe KENDERLYKAINI Legalov, 2009  
    †**Subfamily OBRIENIINAE Zherikhin and Gratshev, 1994**

### **Suborder MYXOPHAGA**

- †**Superfamily ASIOCOLEOIDEA Rohdendorf, 1961**  
†**Family ASIOCOLEIDAE Rohdendorf, 1961**  
†**Family TRICOLEIDAE Ponomarenko, 1969**  
  
    †**Superfamily RHOMBOCOLEOIDEA Rohdendorf, 1961**  
†**Family RHOMBOCOLEIDAE Rohdendorf, 1961**  
  
    †**Superfamily SCHIZOPHOROIDEA Ponomarenko, 1968**  
†**Family SCHIZOPHORIDAE Ponomarenko, 1968**  
†**Family CATINIIDAE Ponomarenko, 1968**  
†**Family SCHIZOCOLEIDAE Rohdendorf, 1961**

- Superfamily LEPICEROIDEA Hinton, 1936 (1882)**  
**Family LEPICERIDAE Hinton, 1936 (1882)**

- Superfamily SPHAERIUSOIDEA Erichson, 1845**  
**Family TORRIDINCOLIDAE Steffan, 1964**  
    **Subfamily TORRIDINCOLINAE Steffan, 1964**  
    **Subfamily DELEVEINAE Endrödy-Younga, 1997**  
**Family HYDROSCAPHIDAE LeConte, 1874**  
**Family SPHAERIUSIDAE Erichson, 1845**

### **Suborder ADEPHAGA**

- †**Family TRITARSIDAE Hong, 2002**  
**Family GYRINIDAE Latreille, 1810**  
    **Subfamily SPANGLEROGYRINAE Folkerts, 1979**  
    **Subfamily GYRININAE Latreille, 1810**  
        Tribe ENHYDRINI Régimbart, 1882  
            Subtribe DINEUTINA Desmarest, 1851  
            Subtribe ENHYDRINA Régimbart, 1882

Tribe GYRININI Latreille, 1810

Subtribe GYRININA Latreille, 1810

Subtribe HETEROGYRINA Brinck, 1956

Tribe ORECTOCHILINI Régimbart, 1882

**Family TRACHYPACHIDAE Thomson, 1857**

†Subfamily EODROMEINAE Ponomarenko, 1977

Subfamily TRACHYPACHINAE Thomson, 1857

**Family RHYSODIDAE Laporte, 1840**

Tribe LEOGLYMMIINI Bell and Bell, 1978

Tribe DHYSORINI Bell and Bell, 1978

Tribe MEDISORINI Bell and Bell, 1987

Tribe RHYSODINI Laporte, 1840

Tribe CLINIDIINI Bell and Bell, 1978

Tribe OMOGLYMMIINI Bell and Bell, 1978

Tribe SLOANOGLYMMIINI Bell and Bell, 1991

**Family CARABIDAE Latreille, 1802**

†Subfamily PROTORABINAE Ponomarenko, 1977

†Subfamily CONJUNCTIINAE Ponomarenko, 1977

Subfamily NEBRIINAE Laporte, 1834

Tribe NEBRIINI Laporte, 1834

Tribe NOTIOKASIINI Kavanaugh and Nègre, 1983

Tribe NOTIOPHILINI Motschulsky, 1850

Tribe OPISTHIINI Dupuis, 1912

Tribe PELOPHILINI Kavanaugh, 1996

**Subfamily CICINDINAE Csiki, 1927**

**Subfamily CICINDELINAE Latreille, 1802**

Tribe AMBLYCHEILINI Csiki, 1903

Tribe CICINDELINI Latreille, 1802

Subtribe APTEROESSINA Rivalier, 1971

Subtribe CICINDELINA Latreille, 1802

Subtribe DROMICINA Thomson, 1859

Subtribe IRESIINA Rivalier, 1971

Subtribe THERATINA Horn, 1893

Tribe COLLYRIDINI Brullé, 1834

Subtribe COLLYRIDINA Brullé, 1834

Subtribe TRICONDYLINA Naviaux, 1991

Tribe CTENOSTOMATINI Laporte, 1834

Tribe MANTICORINI Laporte, 1834

Tribe MEGACEPHALINI Laporte, 1834

**Subfamily CARABINAE Latreille, 1802**

Tribe CARABINI Latreille, 1802

Tribe CEROGLOSSINI Lapouge, 1927

Tribe CYCHRINI Perty, 1830



- Tribe PAMBORINI Hope, 1838
- Subfamily LORICERINAE Bonelli, 1810**
- Subfamily OMOPHRONINAE Bonelli, 1810**
- Subfamily ELAPHRINAE Latreille, 1802**
- Subfamily MIGADOPINAE Chaudoir, 1861**
  - Tribe AMAROTYPINI Erwin, 1985
  - Tribe MIGADOPINI Chaudoir, 1861
    - Subtribe AQUILICINA Moret, 2005
    - Subtribe MIGADOPINA Chaudoir, 1861
- Subfamily HILETINAE Schiødte, 1848**
- Subfamily SCARITINAE Bonelli, 1810**
  - Tribe CARENINI MacLeay, 1887
  - Tribe CLIVININI Rafinesque, 1815
    - Subtribe ARDISTOMINA Putzeys, 1867
    - Subtribe CLIVININA Rafinesque, 1815
    - Subtribe FORCIPATORINA Bänninger, 1938
  - Tribe DALYATINI Mateu, 2002
  - Tribe DYSCHIRIINI Kolbe, 1880
  - †Tribe PALAEOAXINIDIINI McKay, 1991
  - Tribe PASIMACHINI Putzeys, 1867
  - Tribe PROMECOGNATHINI LeConte, 1853
  - Tribe SALCEDIINI Alluaud, 1930 (1929)
    - Subtribe ANDROZELMINA Bell, 1998
    - Subtribe SALCEDIINA Alluaud, 1930 (1929)
    - Subtribe SOLENOGENYINA Bell, 1998
  - Tribe SCARITINI Bonelli, 1810
    - Subtribe ACANTHOSCELINA Csiki, 1927
    - Subtribe CORINTASCARINA Basilewsky, 1973
    - Subtribe DYSCHERINA Basilewsky, 1973
    - Subtribe OCHYROPINA Basilewsky, 1973
    - Subtribe OXYLOBINA Andrewes, 1929
    - Subtribe SCAPTERINA Putzeys, 1867
    - Subtribe SCARITINA Bonelli, 1810
    - Subtribe STORTHODONTINA Jeannel, 1946
- Subfamily BROSCINAE Hope, 1838**
  - Tribe BROSCINI Hope, 1838
    - Subtribe AXONYINA Roig-Juñent, 2000
    - Subtribe BARIPODINA Jeannel, 1941
    - Subtribe BROSCINA Hope, 1838
    - Subtribe CREOBIINA Jeannel, 1941
    - Subtribe NOTHOBROSCINA Roig-Juñent, 2000
- Subfamily APOTOMINAE LeConte, 1853**
- Subfamily SIAGONINAE Bonelli, 1813**

Tribe ENCELADINI Horn, 1881

Tribe LUPERCINI Lecordier, 1977

Tribe SIAGONINI Bonelli, 1813

**Subfamily MELAENINAE Csiki, 1933**

**Subfamily GEHRINGIINAE Darlington, 1933**

Tribe GEHRINGIINI Darlington, 1933

Subtribe GEHRINGIINA Darlington, 1933

Subtribe HELENAEINA Deuve, 2007

**Subfamily TRECHINAE Bonelli, 1810**

Tribe BEMBIDIINI Stephens, 1827

Subtribe ANILLINA Jeannel, 1937

Subtribe BEMBIDIINA Stephens, 1827

Subtribe TACHYINA Motschulsky, 1862

Subtribe XYSTOSOMINA Erwin, 1994

Tribe HOROLOGIONINI Jeannel, 1949

Tribe POGONINI Laporte, 1834

Tribe TRECHINI Bonelli, 1810

Subtribe AEPINA Fowler, 1887

Subtribe CNIDINA Jeannel, 1958

Subtribe PERILEPTINA Sloane, 1903

Subtribe PLOCAMOTRECHINA Jeannel, 1960

Subtribe TRECHINA Bonelli, 1810

Subtribe TRECHODINA Jeannel, 1926

Tribe ZOLINI Sharp, 1886

Subtribe CHALTENIINA Roig-Juñent and Cicchino, 2001

Subtribe SINOZOLINA Deuve, 1997

Subtribe ZOLINA Sharp, 1886

**Subfamily PATROBINAE Kirby, 1837**

Tribe LISSOPOGONINI Zamotajlov, 2000

Tribe PATROBINI Kirby, 1837

Subtribe DELTOMERINA Chaudoir, 1871

Subtribe DELTOMERODINA Zamotajlov, 2002

Subtribe PATROBINA Kirby, 1837

Subtribe PLATIDIOLINA Zamotajlov and Lafer, 2001

**Subfamily PSYDRINAE LeConte, 1853**

Tribe AMBLYTELINI Blackburn, 1892

Tribe MECYCLOTHORACINI Jeannel, 1940

Tribe MEONINI Sloane, 1898

Tribe MORIOMORPHINI Sloane, 1890

Tribe PSYDRINI LeConte, 1853

Tribe TROPOPTERINI Sloane, 1898

**Subfamily NOTOTYLINAE Bänninger, 1927**

**Subfamily PAUSSINAE Latreille, 1806**



Tribe METRIINI LeConte, 1853

Tribe MYSTROPOMINI Horn, 1881

Tribe OZAENINI Hope, 1838

Tribe PAUSSINI Latreille, 1806

†Subtribe ARTHROPTERITINA Luna de Carvalho, 1961

Subtribe CARABIDOMEMNINA Wasmann, 1928

Subtribe CERAPTERINA Billberg, 1820

†Subtribe EOPAUSSINA Luna de Carvalho, 1951

Subtribe HETEROPAUSSINA Janssens, 1950

Subtribe HOMOPTERINA Wasmann, 1920

Subtribe PAUSSINA Latreille, 1806

Subtribe PENTAPLATARTHURA Jeannel, 1946

Tribe PROTOPAUSSINI Gestro, 1892

### **Subfamily BRACHININAE Bonelli, 1810**

Tribe BRACHININI Bonelli, 1810

Subtribe APTININA Gistel, 1848

Subtribe BRACHININA Bonelli, 1810

Subtribe MASTACINA Erwin, 1970

Subtribe PHEROPSOPHINA Jeannel, 1949

Tribe CREPIDOGASTRINI Jeannel, 1949

### **Subfamily HARPALINAE Bonelli, 1810**

Tribe ABACETINI Chaudoir, 1873

Tribe AMORPHOMERINI Sloane, 1923

Tribe ANTHIINI Bonelli, 1813

Tribe ATRANINI Horn, 1881

Tribe BASCANINI Basilewsky, 1953

Tribe CALOPHAENINI Jeannel, 1948

Tribe CATAPIESEINI Bates, 1882

Tribe CHAETODACTYLINI Tschitschérine, 1903

Tribe CHAETOGENYINI Emden, 1958

Tribe CHLAENIINI Brullé, 1834

Subtribe CALLISTINA Laporte, 1834

Subtribe CHLAENIINA Brullé, 1834

Tribe CNEMALOBINI Germain, 1911

Tribe CRATOCERINI Lacordaire, 1854

Tribe CTENODACTYLINI Laporte, 1834

Tribe CUNEIPECTINI Sloane, 1907

Tribe CYCLOSOMINI Laporte, 1834

Subtribe CYCLOSOMINA Laporte, 1834

Subtribe MASOREINA Chaudoir, 1871

Tribe DERCYLINI Sloane, 1923

Tribe DRIMOSTOMATINI Chaudoir, 1872

Tribe DRYPTINI Bonelli, 1810

- Tribe ENOICINI Basilewsky, 1985
- Tribe GALERITINI Kirby, 1825
  - Subtribe GALERITINA Kirby, 1825
  - Subtribe PLANETINA Jedlička, 1941
- Tribe GEOBAENINI Péringuey, 1896
- Tribe GINEMINI Ball and Shpeley, 2002
- Tribe GLYPTINI Horn, 1881
- Tribe GRAPHIPTERINI Latreille, 1802
- Tribe HARPALINI Bonelli, 1810
  - Subtribe ANISODACTYLINA Lacordaire, 1854 *nomen protectum*
  - Subtribe HARPALINA Bonelli, 1810
  - Subtribe PELMATELLINA Bates, 1882
  - Subtribe STENOLOPHINA Kirby, 1837
- Tribe HELLUONINI Hope, 1838
  - Subtribe HELLUONINA Hope, 1838
  - Subtribe OMPHRINA Jedlička, 1941
- Tribe HEXAGONIINI Horn, 1881 (1834)
- Tribe IDIOMORPHINI Bates, 1891
- Tribe LACHNOPHORINI LeConte, 1853
  - Subtribe LACHNOPHORINA LeConte, 1853
  - Subtribe SELININA Jeannel, 1948
- Tribe LEBIINI Bonelli, 1810
  - Subtribe ACTENONYCINA Bates, 1871
  - Subtribe AGRINA Kirby, 1837
  - Subtribe APENINA Ball, 1983
  - Subtribe CALLEIDINA Chaudoir, 1873
  - Subtribe CELAENEPHINA Habu, 1982
  - Subtribe CYMINDIDINA Laporte, 1834
  - Subtribe DEMETRIADINA Bates, 1886
  - Subtribe DROMIUSINA Bonelli, 1810
  - Subtribe GALLERUCIDIINA Chaudoir, 1872
  - Subtribe LEBIINA Bonelli, 1810
  - Subtribe METALLICINA Basilewsky, 1984
  - Subtribe NEMOTARSINA Bates, 1883
  - Subtribe PERICALINA Hope, 1838
  - Subtribe PSEUDOTRECHINA Basilewsky, 1984
  - Subtribe SUGIMOTOINA Habu, 1975
  - Subtribe TRICHINA Basilewsky, 1984
- Tribe LICININI Bonelli, 1810
  - Subtribe DICAELINA Laporte, 1834
  - Subtribe DICROCHILINA Ball, 1992
  - Subtribe LESTIGNATHINA Ball, 1992
  - Subtribe LICININA Bonelli, 1810



- Tribe MELANCHITONINI Jeannel, 1948
- Tribe MICROCHEILINI Jeannel, 1948
- Tribe MORIONINI Brullé, 1835
- Tribe ODACANTHINI Laporte, 1834
- Tribe OMPHREINI Ganglbauer, 1891
- Tribe OODINI LaFerté-Sénectère, 1851
- Tribe ORTHOGONIINI Schaum, 1857
- Tribe PANAGAEINI Bonelli, 1810
  - Subtribe BRACHYGNATHINA Basilewsky, 1946
  - Subtribe PANAGAEINA Bonelli, 1810
  - Subtribe TEFFLINA Basilewsky, 1946
- Tribe PELECIINI Chaudoir, 1880
  - Subtribe AGONICINA Sloane, 1920
  - Subtribe PELECIINA Chaudoir, 1880
- Tribe PENTAGONICINI Bates, 1873
- Tribe PERIGONINI Horn, 1881 *nomen protectum*
- Tribe PHYSOCROTAPHINI Chaudoir, 1863
- Tribe PLATYNINI Bonelli, 1810
- Tribe PSEUDOMORPHINI Hope, 1838
- Tribe PTEROSTICHINI Bonelli, 1810
  - Subtribe ABACOMORPHINA Tschitschérine, 1902
  - Subtribe EUCHROINA Chaudoir, 1874
  - Subtribe METIINA Straneo, 1951
  - Subtribe MICROCEPHALINA Tschitschérine, 1898
  - Subtribe PTEROSTICHINA Bonelli, 1810
- Tribe SPHODRINI Laporte, 1834
  - Subtribe ATRANOPSINA Baehr, 1982
  - Subtribe CALATHINA Laporte, 1834
  - Subtribe DOLICHINA Brullé, 1834
  - Subtribe PRISTOSIINA Lindroth, 1956
  - Subtribe SPHODRINA Laporte, 1834
  - Subtribe SYNUCHINA Lindroth, 1956
- Tribe XENAROSWELLIANINI Erwin, 2007
- Tribe ZABRINI Bonelli, 1810
  - Subtribe AMARINA Zimmermann, 1832
  - Subtribe ZABRINA Bonelli, 1810
- Tribe ZUPHIINI Bonelli, 1810
  - Subtribe DICRODONTINA Machado, 1992
  - Subtribe LELEUPIDIINA Basilewsky, 1951
  - Subtribe METAZUPHIINA Mateu, 1992
  - Subtribe MISCHOCEPHALINA Mateu, 1992
  - Subtribe PATRIZIINA Basilewsky, 1953
  - Subtribe ZUPHIINA Bonelli, 1810

**Family HALIPLIDAE Aubé, 1836****†Family TRIAPLIDAE Ponomarenko, 1977****†Family COLYBOTETHIDAE Ponomarenko, 1994****†Family PARAHYGROBIIDAE Ponomarenko, 1977****†Family COPTOCLAVIDAE Ponomarenko, 1961****†Subfamily NECRONECTINAE Ponomarenko, 1977****†Subfamily CHARONOSCAPHINAE Ponomarenko, 1977****†Subfamily COPTOCLAVINAE Ponomarenko, 1961****†Subfamily COPTOCLAVISCINAE Soriano, Ponomarenko and Delclos, 2007****†Subfamily HISPANOCLAVINAE Soriano, Ponomarenko and Delclos, 2007****†Family LIADYTIDAE Ponomarenko, 1977****Family MERUIDAE Spangler and Steiner, 2005****Family NOTERIDAE Thomson, 1860****Subfamily NOTERINAE Thomson, 1860**

Tribe NEOHYDROCOPTINI Zalat, Saleh, Angus and Kaschef, 2000

Tribe NOTERINI Thomson, 1860

Tribe PRONOTERINI Nilsson, 2005

Tribe TONERINI Miller, 2009

**Subfamily NOTOMICRINAE Zimmermann, 1919****Subfamily PHREATODYTINAE Uéno, 1957****Family AMPHIZOIDAE LeConte, 1853****Family ASPIDYTIDAE Ribera, Beutel, Balke and Vogler, 2002****Family HYGROBIIDAE Régimbart, 1879 (1837)****Family DYTISCIDAE Leach, 1815****Subfamily AGABINAE Thomson, 1867****Subfamily COLYMBETINAE Erichson, 1837**

Tribe ANISOMERIINI Brinck, 1948

Tribe CARABDYTINI Pederzani, 1995

Tribe COLYMBETINI Erichson, 1837

**Subfamily COPELATINAE Branden, 1885****Subfamily COPTOTOMINAE Branden, 1885****Subfamily DYTISCINAE Leach, 1815**

Tribe ACILIINI Thomson, 1867

Tribe AUBEHYDRINI Guignot, 1942

Tribe CYBISTERINI Sharp, 1880

Tribe DYTISCINI Leach, 1815

Tribe ERETINI Crotch, 1873

Tribe HYDATICINI Sharp, 1880

Tribe HYDERODINI Miller, 2000

**Subfamily HYDRODYTINAE Miller, 2001****Subfamily HYDROPORINAE Aubé, 1836**

Tribe BIDESSINI Sharp, 1880

Tribe CARABHYDRINI Watts, 1978



- Tribe HYDROPORINI Aubé, 1836
- Tribe HYDROVATINI Sharp, 1880
- Tribe HYGROTINI Portevin, 1929
- Tribe HYPHYDRINI Gistel, 1848
- Tribe LACCORNINI Wolfe and Roughley, 1990
- Tribe METHLINI Branden, 1885
- †Tribe SCHISTOMERINI Palmer, 1957
- Tribe VATELLINI Sharp, 1880
- Subfamily LACCOPHILINAE Gistel, 1848**
  - Tribe AGABETINI Branden, 1885
  - Tribe LACCOPHILINI Gistel, 1848
- Subfamily LANCETINAE Branden, 1885**
- Subfamily MATINAE Branden, 1885**
- †**Subfamily PALAEOGYRININAE Schlechtendal, 1894**
- †**Subfamily LIADYTISCINAE Prokin and Ren, 2010**

### Suborder POLYPHAGA

#### Series STAPHYLINIFORMIA

#### Superfamily HYDROPHILOIDEA Latreille, 1802

- Family HYDROPHILIDAE Latreille, 1802**
  - Subfamily HELOPHORINAE Leach, 1815**
  - Subfamily EPIMETOPINAE Zaitzev, 1908**
  - Subfamily GEORISSINAE Laporte, 1840**
  - Subfamily HYDROCHINAE Thomson, 1859**
  - Subfamily SPERCHEINAE Erichson, 1837**
  - Subfamily HORELOPHINAE Hansen, 1991**
  - Subfamily HORELOPHOPSINAE Hansen, 1997**
  - Subfamily HYDROPHILINAE Latreille, 1802**
    - Tribe ANACAENINI Hansen, 1991
    - Tribe BROSINI Mulsant, 1844
    - Tribe CHAETARTHRIINI Bedel, 1881
    - Tribe HYDROPHILINI Latreille, 1802
      - Subtribe ACIDOCERINA Zaitzev, 1908
      - Subtribe GLOBULOSEINA García, 2001
      - Subtribe HYDROBIUSINA Mulsant, 1844
      - Subtribe HYDROPHILINA Latreille, 1802
    - Tribe LACCOBIINI Houlbert, 1922
    - Tribe SPERCHOPSINI Hansen, 1991
  - Subfamily SPHAERIDIINAE Latreille, 1802**
    - Tribe ANDOTYPINI Hansen, 1991
    - Tribe BORBOROPHORINI Hansen, 1991

- Tribe COELOSTOMATINI Heyden, 1891 (1890)
- Tribe MEGASTERNINI Mulsant, 1844
- Tribe OMICRINI Smetana, 1975
- Tribe PROTOSTERNINI Hansen, 1991
- Tribe RYGMODINI Orchymont, 1916
- Tribe SPHAERIDIINI Latreille, 1802
- Tribe TORMISSINI Hansen, 1991
- Family SPHAERITIDAE Shuckard, 1839**
- Family SYNTELIIDAE Lewis, 1882**
- Family HISTERIDAE Gyllenhal, 1808**
  - Subfamily NIPONIINAE Fowler, 1912**
  - Subfamily ABRAEINAE MacLeay, 1819**
    - Tribe ABRAEINI MacLeay, 1819
    - Tribe ACRITINI Wenzel, 1944
    - Tribe ACRITOMORPHINI Wenzel, 1944
    - Tribe PLEGADERINI Portevin, 1929
    - Tribe TERETRIINI Bickhardt, 1914
  - Subfamily TRYPETICINAE Bickhardt, 1913**
  - Subfamily TRYPANAEINAE Marseul, 1857**
  - Subfamily SAPRININAE Blanchard, 1845**
  - Subfamily DENDROPHILINAE Reitter, 1909**
    - Tribe ANAPLEINI Olexa, 1982
    - Tribe BACANIINI Kryzhanovskij, 1976
    - Tribe DENDROPHILINI Reitter, 1909
    - Tribe PAROMALINI Reitter, 1909
  - Subfamily ONTHOPHILINAE MacLeay, 1819**
  - Subfamily TRIBALINAE Bickhardt, 1914**
  - Subfamily HISTERINAE Gyllenhal, 1808**
    - Tribe EXOSTERNINI Bickhardt, 1914
    - Tribe HISTERINI Gyllenhal, 1808
    - Tribe HOLOLEPTINI Hope, 1840
    - Tribe OMALODINI Kryzhanovskij, 1972
    - Tribe PLATYSOMATINI Bickhardt, 1914
  - Subfamily HAETERIINAE Marseul, 1857**
    - Tribe HAETERIINI Marseul, 1857
    - Tribe NYMPHISTRINI Tishechkin, 2007
    - Tribe SYNODITULINI Tishechkin, 2007
  - Subfamily CHLAMYDOPSINAE Bickhardt, 1914**
- Superfamily STAPHYLINOIDEA Latreille, 1802**
- Family HYDRAENIDAE Mulsant, 1844**
  - Subfamily ORCHYMONTIINAE Perkins, 1997**
  - Subfamily PROSTHETOPINAE Perkins, 1994**



- Tribe COELOMETOPONINI Perkins, 2005
- Tribe NUCLEOTOPINI Perkins, 1994
- Tribe PARASTHETOPINI Perkins, 1994
- Tribe PROSTHETOPINI Perkins, 1994
- Tribe PROTOSTHETOPINI Perkins, 1994
- Tribe PTEROSTHETOPINI Perkins, 1994
- Subfamily HYDRAENINAE Mulsant, 1844**
  - Tribe HYDRAENIDINI Perkins, 1980
  - Tribe HYDRAENINI Mulsant, 1844
  - Tribe LIMNEBIINI Mulsant, 1844
  - Tribe MADAGASTRINI Perkins, 1997
  - Tribe PARHYDRAENINI Perkins, 1997
- Subfamily OCHTHEBIINAE Thomson, 1859**
  - Tribe OCHTHEBIINI Thomson, 1859
    - Subtribe ENICOCERINA Perkins, 1997
    - Subtribe MEROPATHINA Perkins, 1997
    - Subtribe NEOCHTHEBIINA Perkins, 1997
    - Subtribe OCHTHEBIINA Thomson, 1859
    - Subtribe PROTOCHTHEBIINA Perkins, 1997
  - Tribe OCHTHEOSINI Perkins, 1997
- Family PTILIIDAE Erichson, 1845**
  - Subfamily PTILIINAE Erichson, 1845**
    - Tribe DISCHERAMOCEPHALINI Grebennikov, 2009
    - Tribe NANOSELLINI Barber, 1924
    - Tribe PTENIDIINI Flach, 1889
    - Tribe PTILIINI Erichson, 1845
    - Tribe PTINELLINI Reitter, 1906 (1891)
  - Subfamily CEPHALOPLECTINAE Sharp, 1883**
  - Subfamily ACROTRICHINAE Reitter, 1909 (1856)**
- Family AGYRTIDAE Thomson, 1859**
  - Subfamily AGYRTINAE Thomson, 1859**
  - Subfamily NECROPHILINAE Newton, 1997**
  - Subfamily PTEROLOMATINAE Thomson, 1862**
- Family LEIODIDAE Fleming, 1821**
  - Subfamily CAMIARINAE Jeannel, 1911**
    - Tribe AGYRTODINI Jeannel, 1936
    - Tribe CAMIARINI Jeannel, 1911
    - Tribe NEOPELATOPINI Jeannel, 1962
  - Subfamily CATOPOCERINAE Hatch, 1927 (1880)**
    - Tribe CATOPOCERINI Hatch, 1927 (1880)
    - Tribe GLACICAVICOLINI Westcott, 1968
  - Subfamily LEIODINAE Fleming, 1821**
    - Tribe AGATHIDIINI Westwood, 1838

Tribe ESTADIINI Portevin, 1914

Tribe LEIODINI Fleming, 1821

Tribe PSEUDOLIODINI Portevin, 1926

Tribe SCOTOCRYPTINI Reitter, 1884

Tribe SOGDINI Lopatin, 1961

**Subfamily COLONINAE Horn, 1880 (1859)**

**Subfamily CHOLEVINAE Kirby, 1837**

Tribe ANEMADINI Hatch, 1928

Subtribe ANEMADINA Hatch, 1928

Subtribe EOCATOPINA Jeannel, 1936

Subtribe EUNEMADINA Newton, 1998

Subtribe NEMADINA Jeannel, 1936

Subtribe PARACATOPINA Jeannel, 1936

Tribe CHOLEVINI Kirby, 1837

Subtribe CATOPINA Chaudoir, 1845

Subtribe CHOLEVINA Kirby, 1837

Tribe EUCATOPINI Jeannel, 1921

Tribe LEPTODIRINI Lacordaire, 1854 (1849)

Subtribe ANTHROHERPONINA Jeannel, 1910

Subtribe BATHYSCIINA Horn, 1880

Subtribe BATHYSCIOTINA Guéorguiev, 1974

Subtribe LEPTODIRINA Lacordaire, 1854 (1849)

Subtribe PHOLEUINA Reitter, 1886

Subtribe PLATYCHOLEINA Horn, 1880

Subtribe SPELAEOBATINA Guéorguiev, 1974

Tribe ORITOCATOPINI Jeannel, 1936

Tribe PTOMAPHAGINI Jeannel, 1911

Subtribe BARYODIRINA Perreau, 2000

Subtribe PTOMAPHAGINA Jeannel, 1911

Subtribe PTOMAPHAGININA Szymczakowski, 1964

Tribe SCIAPHYINI Perreau, 2000

**Subfamily PLATYPSYLLINAE Ritsema, 1869**

**Family SILPHIDAE Latreille, 1806**

**Subfamily SILPHINAE Latreille, 1806**

**Subfamily NICROPHORINAE Kirby, 1837**

**Family STAPHYLINIDAE Latreille, 1802**

**Subfamily GLYPHOLOMATINAE Jeannel, 1962**

**Subfamily MICROSILPHINAE Crowson, 1950**

**Subfamily OMALIINAE MacLeay, 1825**

Tribe ANTHOPHAGINI Thomson, 1859

Tribe APHAENOSTEMMINI Peyerimhoff, 1914

Tribe CORNEOLABIINI Steel, 1950

Tribe CORYPHIINI Jakobson, 1908



- Subtribe BOREAPHILINA Zerche, 1990
- Subtribe CORYPHIINA Jakobson, 1908
- Tribe EUSPHALERINI Hatch, 1957
- Tribe HADROGNATHINI Portevin, 1929
- Tribe OMALIINI MacLeay, 1825
- Subfamily EMPELINAE Newton and Thayer, 1992**
- Subfamily PROTEININAE Erichson, 1839**
  - Tribe ANEPIINI Steel, 1966
  - Tribe AUSTRORHYSINI Newton and Thayer, 1995
  - Tribe NESONEINI Steel, 1966
  - Tribe PROTEININI Erichson, 1839
  - Tribe SILPHOTELINI Newton and Thayer, 1995
- Subfamily MICROPEPLINAE Leach, 1815**
- Subfamily NEOPHONINAE Fauvel, 1905**
- Subfamily DASYCERINAE Reitter, 1887**
- Subfamily PROTOPSELAPHINAE Newton and Thayer, 1995**
- Subfamily PSELAPHINAE Latreille, 1802**
  - Supertribe BATRISITAE Reitter, 1882**
    - Tribe AMAUROPINI Jeannel, 1948
    - Tribe BATRISINI Reitter, 1882
      - Subtribe AMBICOCERINA Leleup, 1970
      - Subtribe BATRISINA Reitter, 1882
      - Subtribe LEUPELIINA Jeannel, 1954
      - Subtribe STILIPALPINA Jeannel, 1954
    - Tribe THAUMASTOCEPHALINI Poggi, Nonveiller, Colla, Pavićević and Rada, 2001
  - Supertribe CLAVIGERITAE Leach, 1815**
    - Tribe CLAVIGERINI Leach, 1815
      - Subtribe APODERIGERINA Jeannel, 1954
      - Subtribe CLAVIGERINA Leach, 1815
      - Subtribe CLAVIGERODINA Schaufuss, 1882
      - Subtribe DISARTHRICERINA Jeannel, 1949
      - Subtribe HOPLITOXENINA Célis, 1969
      - Subtribe LUNILLINA Célis, 1969
      - Subtribe MASTIGERINA Jeannel, 1954
      - Subtribe MIROCLAVIGERINA Jeannel, 1949
      - Subtribe NEOCERINA Jeannel, 1954
      - Subtribe RADAMINA Jeannel, 1954
      - Subtribe THYSDARIINA Jeannel, 1954
    - Tribe COLILODIONINI Besuchet, 1991
    - Tribe TIRACERINI Besuchet, 1986
  - Supertribe EUPLECTITAE Streubel, 1839**
    - Tribe BYTHINOPLECTINI Schaufuss, 1890
      - Subtribe BYTHINOPLECTINA Schaufuss, 1890

- Subtribe PYXIDICERINA Raffray, 1904
- Tribe DIMERINI Raffray, 1908
- Tribe EUPLECTINI Streubel, 1839
- Tribe JUBINI Raffray, 1904
- Tribe MAYETIINI Winkler, 1925
- Tribe METOPIASINI Raffray, 1904
  - Subtribe METOPIASINA Raffray, 1904
  - Subtribe RHINOSCEPSINA Bowman, 1934
- Tribe TRICHONYCHINI Reitter, 1882
  - Subtribe BIBLOPORINA Park, 1951
  - Subtribe PANAPHANTINA Jeannel, 1950
  - Subtribe TRICHONYCHINA Reitter, 1882
  - Subtribe TRIMIINA Bowman, 1934
- Tribe TROGASTRINI Jeannel, 1949
  - Subtribe PHTEGNOMINA Park, 1951
  - Subtribe RHEXIINA Park, 1951
  - Subtribe TROGASTRINA Jeannel, 1949
- Supertribe FARONITAE Reitter, 1882**
- Supertribe GONIACERITAE Reitter, 1882 (1872)**
  - Tribe ARNYLLIINI Jeannel, 1952
  - Tribe BARROSELLINI Leleup, 1973
  - Tribe BRACHYGLUTINI Raffray, 1904
    - Subtribe BARADINA Park, 1951
    - Subtribe BRACHYGLUTINA Raffray, 1904
    - Subtribe DECARTHRINA Park, 1951
    - Subtribe EUPSENIINA Park, 1951
  - Tribe BYTHININI Raffray, 1890
    - Subtribe BYTHININA Raffray, 1890
    - Subtribe MACHAERITINA Jeannel, 1950
    - Subtribe XENOBYTHINA Jeannel, 1950
  - Tribe CYATHIGERINI Schaufuss, 1872
  - Tribe GONIACERINI Reitter, 1882 (1872)
  - Tribe IMIRINI Jeannel, 1949
  - Tribe INIOCYPHINI Park, 1951
    - Subtribe INIOCYPHINA Park, 1951
    - Subtribe NATYPLEURINA Newton and Thayer, 1992
  - Tribe MACHADOINI Jeannel, 1951
  - Tribe PROTERINI Jeannel, 1949
  - Tribe PYGOXYINI Reitter, 1909
  - Tribe SPELEOBAMINI Park, 1951
  - Tribe TYCHINI Raffray, 1904
  - Tribe VALDINI Park, 1953
- Supertribe PSELAPHITAE Latreille, 1802**

- Tribe ARHYTODINI Raffray, 1890
- Tribe ATTAPSENIINI Bruch, 1933
- Tribe CTENISTINI Blanchard, 1845
- Tribe HYBOCEPHALINI Raffray, 1890
- Tribe ODONTALGINI Jeannel, 1949
- Tribe PACHYGASTRODINI Leleup, 1969
- Tribe PHALEPSINI Jeannel, 1949
- Tribe PSELAPHINI Latreille, 1802
- Tribe SCHISTODACTYLINI Raffray, 1890
- Tribe TMESIPHORINI Jeannel, 1949
- Tribe TYRINI Reitter, 1882
  - Subtribe CENTROPHTHALMINA Jeannel, 1949
  - Subtribe JANUSCULINA Cerruti, 1970
  - Subtribe SOMATIPIONINA Jeannel, 1949
  - Subtribe TYRINA Reitter, 1882

**Subfamily PHLOEOCHARINAE Erichson, 1839**

**Subfamily OLISTHAERINAE Thomson, 1858**

**Subfamily TACHYPORINAE MacLeay, 1825**

- Tribe DEROPINI Smetana, 1983
- Tribe MEGARTHROPSINI Cameron, 1919
- Tribe MYCETOPORINI Thomson, 1859
- Tribe TACHYPORINI MacLeay, 1825
- Tribe VATESINI Seevers, 1958

**Subfamily TRICHOPHYINAE Thomson, 1858**

**Subfamily HABROCERINAE Mulsant and Rey, 1876**

**Subfamily ALEOCHARINAE Fleming, 1821**

- Tribe ACTOCHARINI Bernhauer and Schubert, 1911
- Tribe AENICTOTERATINI Kistner, 1993
- Tribe AKATASTOPSISINI Pace, 2000
- Tribe ALEOCHARINI Fleming, 1821
  - Subtribe ALEOCHARINA Fleming, 1821
  - Subtribe COMPACTOPEDIINA Kistner, 1970
  - Subtribe HODOXENINA Kistner, 1970
- Tribe ATHETINI Casey, 1910
  - Subtribe ATHETINA Casey, 1910
  - Subtribe COPTOTERMOECIINA Kistner and Pasteels, 1970
  - Subtribe MICROCEROXENINA Kistner, 1970
  - Subtribe NASUTIPHILINA Kistner, 1970
  - Subtribe SCHISTOGENIINA Fenyès, 1918
  - Subtribe TAXICERINA Lohse, 1989
  - Subtribe TERMITOTELINA Kistner, 1970
  - Subtribe THAMIARAEINA Fenyès, 1921
- Tribe AUTALIINI Thomson, 1859



- Tribe CORDOBANINI Bernhauer, 1910
- Tribe COROTOCINI Fenyès, 1918
  - Subtribe ABROTELINA Seevers, 1957
  - Subtribe COROTOCINA Fenyès, 1918
  - Subtribe EBURNIOGASTRINA Jacobson, Kistner and Pasteels, 1986
  - Subtribe NASUTITELLINA Jacobson, Kistner and Pasteels, 1986
  - Subtribe SPHURIDAETHINA Pace, 1988
  - Subtribe TERMITOCHARINA Seevers, 1957
  - Subtribe TERMITOCUPIDINA Jacobson, Kistner and Pasteels, 1986
  - Subtribe TERMITOGASTRINA Bernhauer and Scheerpeltz, 1926
  - Subtribe TERMITOICEINA Jacobson, Kistner and Pasteels, 1986
  - Subtribe TERMITOPITHINA Jacobson, Kistner and Pasteels, 1986
  - Subtribe TERMITOPTOCHINA Fenyès, 1921
  - Subtribe TIMEPARTHENINA Fenyès, 1921
- Tribe CREMATOXENINI Mann, 1921
- Tribe CRYPTONOTOPSEINI Pace, 2003
- Tribe DEINOPSINI Sharp, 1883
- Tribe DIESTOTINI Mulsant and Rey, 1871
- Tribe DIGLOTTINI Jakobson, 1909
- Tribe DIGRAMMINI Fauvel, 1900
- Tribe DORYLOGASTRINI Wasmann, 1916
- Tribe DORYLOMIMINI Wasmann, 1916
- Tribe DREPANOXENINI Kistner and Watson, 1972
- Tribe ECITOCHARINI Seevers, 1965
- Tribe ECITOGASTRINI Fenyès, 1918
- Tribe EUSTENIAMORPHINI Bernhauer and Scheerpeltz, 1926
- Tribe FALAGRIINI Mulsant and Rey, 1873
- Tribe FELDINI Kistner, 1972
- Tribe GYMNUSINI Heer, 1839
- Tribe HIMALUSINI Klimaszewski, Pace and Center, 2010
- Tribe HOMALOTINI Heer, 1839
  - Subtribe BOLITOCHARINA Thomson, 1859
  - Subtribe DINARDOPSINA Bernhauer and Scheerpeltz, 1926
  - Subtribe GYROPHAENINA Kraatz, 1856
  - Subtribe HOMALOTINA Heer, 1839
  - Subtribe SILUSINA Fenyès, 1918
- Tribe HOPLANDRIINI Casey, 1910
  - Subtribe HOPLANDRIINA Casey, 1910
  - Subtribe PLATANDRIINA Hanley, 2002
  - Subtribe PSEUDOPLANDRIINA Hanley, 2002
- Tribe HYGRONOMINI Thomson, 1859
  - Subtribe HYGRONOMINA Thomson, 1859
  - Subtribe SAPHOGLOSSINA Bernhauer and Scheerpeltz, 1926

- Tribe HYPOCYPHTINI Laporte, 1835
- Tribe LEUCOCRASPEDINI Fenyès, 1921
- Tribe LIPAROCEPHALINI Fenyès, 1918
- Tribe LOMECHUSINI Fleming, 1821
  - Subtribe AENICTOBIINA Kistner, 1997
  - Subtribe LOMECHUSINA Fleming, 1821
  - Subtribe MYRMEDONIINA Thomson, 1867
  - Subtribe TERMITOZYRINA Seevers, 1957
- Tribe MASURIINI Cameron, 1939
- Tribe MESOPORINI Cameron, 1959
- Tribe MIMANOMMATINI Wasmann, 1912
  - Subtribe DORYLOPHILINA Fenyès, 1921
  - Subtribe MIMANOMMATINA Wasmann, 1912
- Tribe MIMECITINI Wasmann, 1917
  - Subtribe LABIDOPULLINA Jacobson and Kistner, 1991
  - Subtribe LEPTANILLOPHILINA Fenyès, 1918
  - Subtribe MIMECITINA Wasmann, 1917
  - Subtribe MIMONILLINA Bernhauer and Scheerpeltz, 1926
- Tribe MYLLAENINI Ganglbauer, 1895
- Tribe OXYPODINI Thomson, 1859
  - Subtribe APHYTOPODINA Bernhauer and Scheerpeltz, 1926
  - Subtribe BLEPHARHYMENINA Klimaszewski and Peck, 1986
  - Subtribe DINARDINA Mulsant and Rey, 1873
  - Subtribe MEOTICINA Seevers, 1978
  - Subtribe OXYPODINA Thomson, 1859
  - Subtribe TACHYUSINA Thomson, 1859
- Tribe OXYPODININI Fenyès, 1921
- Tribe PAGLINI Newton and Thayer, 1992
- Tribe PARADOXENUSINI Bruch, 1937
- Tribe PEDICULOTINI Ádám, 1987
- Tribe PHILOTERMITINI Seevers, 1957
- Tribe PHYLLODINARDINI Wasmann, 1916
- Tribe PHYTOSINI Thomson, 1867
- Tribe PLACUSINI Mulsant and Rey, 1871
- Tribe PRONOMAEINI Mulsant and Rey, 1873
- Tribe PSEUDOPERINTHINI Cameron, 1939
- Tribe PYGOSTENINI Fauvel, 1899
- Tribe SAHLBERGIINI Kistner, 1993
- Tribe SCEPTOBIINI Seevers, 1978
- Tribe SKATITOXENINI Kistner and Pasteels, 1969
- Tribe TERMITODISCINI Wasmann, 1904
  - Subtribe ATHEXENIINA Pace, 2000
  - Subtribe TERMITODISCINA Wasmann, 1904

- Tribe TERMITOHOSPITINI Seevers, 1941
  - Subtribe HETAIROTERMITINA Seevers, 1957
  - Subtribe TERMITOHOSPITINA Seevers, 1941
- Tribe TERMITONANNINI Fenyès, 1918
  - Subtribe PERINTHINA Bernhauer and Scheerpeltz, 1926
  - Subtribe TERMITONANNINA Fenyès, 1918
- Tribe TERMITOPAEDIINI Seevers, 1957
- Tribe TERMITUSINI Fenyès, 1918
  - Subtribe TERMITOSPECTRINA Seevers, 1957
  - Subtribe TERMITUSINA Fenyès, 1918
- Tribe TRICHOPSENIINI LeConte and Horn, 1883
- Tribe TRILOBITIDEINI Fauvel, 1899
- Subfamily TRIGONURINAE Reiche, 1866**
- Subfamily APATETICINAE Fauvel, 1895**
- Subfamily SCAPHIDIINAE Latreille, 1806**
  - Tribe CYPARIINI Achard, 1924
  - Tribe SCAPHIDIINI Latreille, 1806
  - Tribe SCAPHIINI Achard, 1924
  - Tribe SCAPHISOMATINI Casey, 1893
- Subfamily PIESTINAE Erichson, 1839**
- Subfamily OSORIINAE Erichson, 1839**
  - Tribe ELEUSININI Sharp, 1887
  - Tribe LEPTOCHIRINI Sharp, 1887
  - Tribe OSORIINI Erichson, 1839
    - Subtribe OSORIINA Erichson, 1839
    - Subtribe PAROSORIINA Bernhauer and Schubert, 1911
  - Tribe THORACOPHORINI Reitter, 1909
    - Subtribe CLAVILISPININA Newton and Thayer, 1992
    - Subtribe GLYPTOMINA Newton and Thayer, 1992
    - Subtribe LISPININA Bernhauer and Schubert, 1910
    - Subtribe THORACOPHORINA Reitter, 1909
- Subfamily OXYTELINAE Fleming, 1821**
  - Tribe BLEDIINI Ádám, 2001
  - Tribe COPROPHILINI Heer, 1839
  - Tribe EUPHANIINI Reitter, 1909
  - Tribe OXYTELINI Fleming, 1821
  - Tribe PLANEUSTOMINI Jacquelin du Val, 1857
- Subfamily OXYPORINAE Fleming, 1821**
- Subfamily MEGALOPSIDIINAE Leng, 1920**
- Subfamily SCYDMAENINAE Leach, 1815**
  - †**Supertribe HAPSOMELITAE Poinar and Brown, 2004**
  - Supertribe MASTIGITAE Fleming, 1821**
    - Tribe CLIDICINI Casey, 1897



Tribe LEPTOMASTACINI Casey, 1897

Tribe MASTIGINI Fleming, 1821

**Supertribe SCYDMAENITAE Leach, 1815**

Tribe CEPHENNIINI Reitter, 1882

Tribe CHEVROLATIINI Reitter, 1882

Tribe CYRTOSCYDMINI Schaufuss, 1889

Tribe EUTHEIINI Casey, 1897

Tribe LEPTOSCYDMINI Casey, 1897

Tribe PLAUMANNIOLINI Costa Lima, 1962

Tribe SCYDMAENINI Leach, 1815

**Subfamily STENINAE MacLeay, 1825**

**Subfamily EUAESTHETINAE Thomson, 1859**

Tribe ALZADAESTHETINI Scheerpeltz, 1974

Tribe AUSTROESTHETINI Cameron, 1944

Tribe EUAESTHETINI Thomson, 1859

Tribe FENDERIINI Scheerpeltz, 1974

Tribe NORDENSKIOLDIINI Bernhauer and Schubert, 1911

Tribe STENAESTHETINI Bernhauer and Schubert, 1911

**Subfamily SOLIERIINAE Newton and Thayer, 1992**

**Subfamily LEPTOTYPHLINAE Fauvel, 1874**

Tribe CEPHALOTYPHLINI Coiffait, 1963

Tribe ENTOMOCULIINI Coiffait, 1957

Tribe LEPTOTYPHLINI Fauvel, 1874

Tribe METROTYPHLINI Coiffait, 1963

Tribe NEOTYPHLINI Coiffait, 1963

**Subfamily PSEUDOPSINAE Ganglbauer, 1895**

**Subfamily PAEDERINAE Fleming, 1821**

Tribe PAEDERINI Fleming, 1821

Subtribe ASTENINA Hatch, 1957

Subtribe CRYPTOBIINA Casey, 1905

Subtribe CYLINDROXYSTINA Bierig, 1943

Subtribe DOLICAONINA Casey, 1905

Subtribe ECHIASTERINA Casey, 1905

Subtribe LATHROBIINA Laporte, 1835

Subtribe LITHOCHARINA Casey, 1905

Subtribe MEDONINA Casey, 1905

Subtribe PAEDERINA Fleming, 1821

Subtribe SCOPAEINA Mulsant and Rey, 1878

Subtribe STILICINA Casey, 1905

Subtribe STILICOPSINA Casey, 1905

Tribe PINOPHILINI Nordmann, 1837

Subtribe PINOPHILINA Nordmann, 1837

Subtribe PROCIRRINA Bernhauer and Schubert, 1912

**Subfamily STAPHYLININAE Latreille, 1802**

Tribe ARROWININI Solodovnikov and Newton, 2005

Tribe DIOCHINI Casey, 1906

Tribe MAOROTHIINI Assing, 2000

Tribe OTHIINI Thomson, 1859

Tribe PLATYPROSOPINI Lynch Arribálzaga, 1884

Tribe STAPHYLININI Latreille, 1802

Subtribe AMBLYOPININA Seevers, 1944

Subtribe ANISOLININA Hayashi, 1993

Subtribe EUCIBDELINA Sharp, 1889

Subtribe HYPTIOMINA Casey, 1906

Subtribe PHILONTHINA Kirby, 1837

Subtribe QUEDIINA Kraatz, 1857

Subtribe STAPHYLININA Latreille, 1802

Subtribe TANYGNATHININA Reitter, 1909

Subtribe XANTHOPYGINA Sharp, 1884

Tribe XANTHOLININI Erichson, 1839

**†Subfamily PROTACTINAE Heer, 1847****Series SCARABAEIFORMIA****Superfamily SCARABAEOIDEA Latreille, 1802****Family PLEOCOMIDAE LeConte, 1861****Subfamily PLEOCOMINAE LeConte, 1861****†Subfamily CRETOCOMINAE Nikolajev, 2002****†Subfamily ARCHESCARABAEINAE Nikolajev, 2010****Family GEOTRUPIDAE Latreille, 1802****Subfamily TAUROCERASTINAE Germain, 1897****Subfamily BOLBOCERATINAE Mulsant, 1842**

Tribe ATHYREINI Lynch Arribálzaga, 1878

Tribe BOLBELASMINI Nikolajev, 1996

Tribe BOLBOCERATINI Mulsant, 1842

Tribe BOLBOCHROMINI Nikolajev, 1970

Tribe EUBOLBITINI Nikolajev, 1970

Tribe EUCANTHINI Nikolajev, 2003

Tribe GILLETININI Nikolajev, 1990

Tribe ODONTEINI Shokhin, 2007

Tribe STENASPIDIINI Nikolajev, 2003

**Subfamily GEOTRUPINAE Latreille, 1802**

Tribe CERATOTRUPINI Zunino, 1984

Tribe ENOPLOTRUPINI Paulian, 1945

†Tribe CRETOGEOTRUPINI Nikolajev, 1996

Tribe GEOTRUPINI Latreille, 1802

- Tribe LETHRINI Oken, 1843
- Family BELOHINIDAE Paulian, 1959**
- Family PASSALIDAE Leach, 1815**
  - Subfamily AULACOCYCLINAE Kaup, 1868**
    - Tribe AULACOCYCLINI Kaup, 1868
    - Tribe CERACUPEDINI Boucher, 2006
  - Subfamily PASSALINAE Leach, 1815**
    - Tribe LEPTAULACINI Kaup, 1871
    - Tribe MACROLININI Kaup, 1871
    - Tribe PASSALINI Leach, 1815
    - Tribe PROCULINI Kaup, 1868
    - Tribe SOLENOCYCLINI Kaup, 1871
- Family TROGIDAE MacLeay, 1819**
  - †**Subfamily AVITORTORINAE Nikolajev, 2007**
  - Subfamily TROGINAE MacLeay, 1819**
  - Subfamily OMORGINAE Nikolajev, 2005**
- Family GLARESIDAE Kolbe, 1905**
- Family DIPHYLLOSTOMATIDAE Holloway, 1972**
- Family LUCANIDAE Latreille, 1804**
  - †**Subfamily PROTOLUCANINAE Nikolajev, 2007**
  - Subfamily AESALINAE MacLeay, 1819**
    - Tribe AESALINI MacLeay, 1819
    - Tribe CERATOGNATHINI Sharp, 1899
    - Tribe NICAGINI LeConte, 1861
  - †**Subfamily CERUCHITINAE Nikolajev, 2006**
  - Subfamily SYNDESINAE MacLeay, 1819**
  - Subfamily LAMPRIMINAE MacLeay, 1819**
    - Tribe LAMPRIMINI MacLeay, 1819
    - Tribe STREPTOCERINI Kikuta, 1986
  - Subfamily LUCANINAE Latreille, 1804**
    - Tribe CHIASOGNATHINI Burmeister, 1847
    - Tribe LUCANINI Latreille, 1804
    - Tribe PLATYCERINI Mulsant, 1842
    - Tribe PLATYCEROIDINI Paulsen and Hawks, 2008
  - †**Subfamily PARALUCANINAE Nikolajev, 2000**
- Family OCHODAEIDAE Mulsant and Rey, 1871**
  - †**Subfamily CRETOCHODAEINAE Nikolajev, 1995**
  - Subfamily OCHODAEINAE Mulsant and Rey, 1871**
    - Tribe ENODOGNATHINI Scholtz, 1988
    - Tribe OCHODAEINI Mulsant and Rey, 1871
  - Subfamily CHAETOCANTHINAE Scholtz, 1988**
    - Tribe CHAETOCANTHINI Scholtz, 1988
    - Tribe PSEUDOUCHODAEINI Scholtz, 1988



- Tribe SYNOCHODAEINI Scholtz, 1988
- Family HYBOSORIDAE Erichson, 1847**
  - †Subfamily MIMAPHODIINAE Nikolajev, 2007
  - Subfamily ANAIDINAE Nikolajev, 1996
  - Subfamily CERATOCANTHINAE Martínez, 1968
    - Tribe CERATOCANTHINI Martínez, 1968
    - Tribe IVIEOLINI Howden and Gill, 2000
    - Tribe SCARABATERMITINI Nikolajev, 1999
  - Subfamily HYBOSORINAE Erichson, 1847
  - Subfamily LIPAROCHRINAE Ocampo, 2006
  - Subfamily PACHYPLECTRINAE Ocampo, 2006
- Family GLAPHYRIDAE MacLeay, 1819**
  - Subfamily GLAPHYRINAE MacLeay, 1819
  - Subfamily AMPHICOMINAE Blanchard, 1845
  - †Subfamily CRETOGLAPHYRINAE Nikolajev, 2005
- Family SCARABAEIDAE Latreille, 1802**
  - †Subfamily LITHOSCARABAEINAE Nikolajev, 1992
  - Subfamily CHIRONINAE Blanchard, 1845
  - Subfamily AEGIALIINAE Laporte, 1840
  - Subfamily EREMAZINAE Iablokoff-Khnzorian, 1977
  - Subfamily APHODIINAE Leach, 1815
    - Tribe APHODIINI Leach, 1815
      - Subtribe APHODIINA Leach, 1815
      - Subtribe DIDACTYLIINA Pittino, 1985
      - Subtribe PROCTOPHANINA Stebnicka and Howden, 1995
    - Tribe CORYTHODERINI Schmidt, 1910
    - Tribe EUPARIINI Schmidt, 1910 *nomen protectum*
    - Tribe ODONTOLOCHINI Stebnicka and Howden, 1996
    - Tribe ODOCHILINI Rakovič, 1987
    - Tribe PSAMMODIINI Mulsant, 1842
      - Subtribe PHYCOCINA Landin, 1960
      - Subtribe PSAMMODIINA Mulsant, 1842
      - Subtribe RHYSSEMINA Pittino and Mariani, 1986
    - Tribe RHYPARINI Schmidt, 1910
    - Tribe STEREOMERINI Howden and Storey, 1992
    - Tribe TERMITODERINI Tangelder and Krikken, 1982
  - Subfamily AULONOCNEMINAE Janssens, 1946
  - Subfamily TERMITOTROGINAE Wasmann, 1918
  - Subfamily SCARABAEINAE Latreille, 1802
    - Tribe ATEUCHINI Perty, 1830
      - Subtribe ATEUCHINA Perty, 1830
      - Subtribe SCATIMINA Vaz-de-Mello, 2008
    - Tribe COPRINI Leach, 1815

- Tribe DELTOCHILINI Lacordaire, 1856
- Tribe EUCRANIINI Burmeister, 1873
- Tribe GYMNOPTERINI Lacordaire, 1856
- Tribe ONITICELLINI Kolbe, 1905
  - Subtribe DREPANOCERINA van Lansberge, 1875
  - Subtribe EURYSTERNINA Vulcano, Martínez and Pereira, 1961
  - Subtribe HELICTOPTERINA Janssens, 1946
  - Subtribe ONITICELLINA Kolbe, 1905
- Tribe ONITINI Laporte, 1840
- Tribe ONTHOPHAGINI Burmeister, 1846
- Tribe PHANAEINI Hope, 1838
- Tribe SCARABAEINI Latreille, 1802
- Tribe SISYPHINI Mulsant, 1842
- †**Subfamily PROTOTROGINAE Nikolajev, 2000**
- †**Subfamily CRETOSCARABAEINAE Nikolajev, 1995**
- Subfamily DYNAMOPODINAE Arrow, 1911**
  - Tribe DYNAMOPODINI Arrow, 1911
  - Tribe THINORYCTERINI Semenov and Reichardt, 1925
- Subfamily PHAENOMERIDINAE Erichson, 1847**
- Subfamily ORPHNINAE Erichson, 1847**
  - Tribe AEGIDIINI Paulian, 1984
  - Tribe ORPHNINI Erichson, 1847
- Subfamily ALLIDIOSTOMATINAE Arrow, 1940**
- Subfamily ACLOPINAE Blanchard, 1850**
  - Tribe ACLOPINI Blanchard, 1850
  - †Tribe HOLCOROBEINI Nikolajev, 1992
  - Tribe PHAENOGNATHINI Iablokoff-Khnzorian, 1977
- Subfamily MELOLONTHINAE Leach, 1819**
  - Tribe ABLABERINI Blanchard, 1850
  - Tribe AUTOMOLIINI Britton, 1978
  - Tribe CHASMATOPTERINI Lacordaire, 1856
  - Tribe COLYMBOMORPHINI Blanchard, 1850
  - Tribe COMOPHORININI Britton, 1957
  - †Tribe CRETOMELOLONTHINI Nikolajev, 1998
  - Tribe DICHELONYCHINI Burmeister, 1855
  - Tribe DIPHUCEPHALINI Laporte, 1840
  - Tribe DIPHYCERINI Medvedev, 1952
  - Tribe DILOTAXINI Kirby, 1837
  - Tribe EUCHIRINI Hope, 1840
  - Tribe HETERONYCHINI Lacordaire, 1856
  - Tribe HOPLIINI Latreille, 1829
    - Subtribe HOPLIINA Latreille, 1829
    - Subtribe PACHYCNEMINA Laporte, 1840

- Tribe LICHNIINI Burmeister, 1844
- Tribe LIPARETRINI Burmeister, 1855
- Tribe MACRODACTYLINI Kirby, 1837
- Tribe MAECHIDIINI Burmeister, 1855
- Tribe MELOLONTHINI Leach, 1819
  - Subtribe ENARIINA Dewailly, 1950
  - Subtribe HEPTOPHYLLINA Medvedev, 1951
  - Subtribe LEUCOPHOLINA Burmeister, 1855
  - Subtribe MELOLONTHINA Leach, 1819
  - Subtribe PEGYLINA Lacroix, 1989
  - Subtribe RHIZOTROGINA Burmeister, 1855
  - Subtribe SCHIZONYCHINA Burmeister, 1855
- Tribe ONCERINI LeConte, 1861
- Tribe PACHYPODINI Erichson, 1840
- Tribe PACHYTRICHINI Burmeister, 1855
- Tribe PHYLLOTOCIDIINI Britton, 1957
- Tribe PODOLASIINI Howden, 1997
- Tribe SCITALINI Britton, 1957
- Tribe SERICINI Kirby, 1837
  - Subtribe PHYLLOTOCINA Burmeister, 1855
  - Subtribe SERICINA Kirby, 1837
  - Subtribe TROCHALINA Brenske, 1898
- Tribe SERICOIDINI Erichson, 1847
- Tribe SYSTELLOPINI Sharp, 1877
- Tribe TANYPROCTINI Erichson, 1847
  - Subtribe MACROPHYLLINA Burmeister, 1855
  - Subtribe TANYPROCTINA Erichson, 1847

### **Subfamily RUTELINAE MacLeay, 1819**

- Tribe ADORETINI Burmeister, 1844
  - Subtribe ADORETINA Burmeister, 1844
  - Subtribe ADORRHINYPTIINA Arrow, 1917
  - Subtribe PACHYRHINADORETINA Ohaus, 1912
  - Subtribe PRODORETINA Ohaus, 1912
  - Subtribe TRIGONOSTOMUSINA Ohaus, 1912
- Tribe ALVARENGIINI Frey, 1975
- Tribe ANATISTINI Lacordaire, 1856
- Tribe ANOMALINI Streubel, 1839 *nomen protectum*
  - Subtribe ANISOPLIINA Burmeister, 1844
  - Subtribe ANOMALINA Streubel, 1839 *nomen protectum*
  - Subtribe ISOPLIINA Péringuey, 1902
  - Subtribe LEPTOHOPLIINA Potts, 1974
  - Subtribe POPILLIINA Ohaus, 1918
- Tribe ANOPLOGNATHINI MacLeay, 1819



- Subtribe ANOPLOGNATHINA MacLeay, 1819
- Subtribe BRACHYSTERNINA Burmeister, 1844
- Subtribe PHALANGOGONIINA Ohaus, 1918
- Subtribe PLATYCOELIINA Burmeister, 1844
- Subtribe SCHIZOGNATHINA Ohaus, 1918
- Tribe GENIATINI Burmeister, 1844
- Tribe RUTELINI MacLeay, 1819
  - Subtribe AREODINA Burmeister, 1844
  - Subtribe DESMONYCHINA Arrow, 1917
  - Subtribe DIDREPANEPHORINA Ohaus, 1918
  - Subtribe HETEROSTERNINA Bates, 1888 *nomen protectum*
  - Subtribe LASIOCALINA Ohaus, 1918
  - Subtribe ORYCTOMORPHINA Burmeister, 1847
  - Subtribe PARASTASIINA Burmeister, 1844
  - Subtribe RUTELINA MacLeay, 1819
- Subfamily DYNASTINAE MacLeay, 1819**
  - Tribe AGAOCEPHALINI Burmeister, 1847
  - Tribe CYCLOCEPHALINI Laporte, 1840
  - Tribe DYNASTINI MacLeay, 1819
  - Tribe HEXODONTINI Lacordaire, 1856
  - Tribe ORYCTINI Mulsant, 1842
  - Tribe ORYCTODERINI Endrödi, 1966
  - Tribe PENTODONTINI Mulsant, 1842
    - Subtribe CHEIROPLATINA Carne, 1957
    - Subtribe DIPELICINA Carne, 1957
    - Subtribe PENTODONTINA Mulsant, 1842
    - Subtribe PSEUDORYCTINA Carne, 1957
  - Tribe PHILEURINI Burmeister, 1847
    - Subtribe CRYPTODINA Burmeister and Schaum, 1840
    - Subtribe PHILEURINA Burmeister, 1847
- Subfamily CETONIINAE Leach, 1815**
  - Tribe CETONIINI Leach, 1815
    - Subtribe CETONIINA Leach, 1815
    - Subtribe EUPHORIINA Horn, 1880
    - Subtribe LEUCOCELINA Kraatz, 1882
  - Tribe CREMASTOCHEILINI Burmeister and Schaum, 1841
    - Subtribe ASPILINA Krikken, 1984
    - Subtribe COENOCHILINA Burmeister, 1842
    - Subtribe CREMASTOCHEILINA Burmeister and Schaum, 1841
    - Subtribe CYMOPHORINA Krikken, 1984
    - Subtribe GENUCHINA Krikken, 1984
    - Subtribe GOLIATHOPSIDINA Krikken, 1984
    - Subtribe HETEROGENIINA Krikken, 1984

- Subtribe LISSOGENIINA Krikken, 1984
- Subtribe MACROMINA Burmeister and Schaum, 1840
- Subtribe NYASSININA Krikken, 1984
- Subtribe OPLOSTOMINA Krikken, 1984
- Subtribe PILINURGINA Krikken, 1984
- Subtribe SPILOPHORINA Krikken, 1984
- Subtribe TELOCHILINA Krikken, 1984
- Subtribe TRICHOPLINA Krikken, 1984
- Subtribe TROGODINA Krikken, 1984
- Tribe DIPLOGNATHINI Burmeister, 1842
- Tribe GOLIATHINI Latreille, 1829
  - Subtribe CORYPHOCERINA Burmeister, 1842
  - Subtribe DICRONOCEPHALINA Krikken, 1984
  - Subtribe GOLIATHINA Latreille, 1829
  - Subtribe ICHNESTOMATINA Burmeister, 1842
- Tribe GYMNETINI Kirby, 1827
  - Subtribe BLAESIINA Schoch, 1895
  - Subtribe GYMNETINA Kirby, 1827
- Tribe PHAEDIMINI Schoch, 1894
- Tribe SCHIZORHININI Burmeister, 1842
  - Subtribe LOMAPTERINA Burmeister, 1842
  - Subtribe SCHIZORHININA Burmeister, 1842
- Tribe STENOTARSIINI Kraatz, 1880
  - Subtribe ANOCHILIINA Krikken, 1984
  - Subtribe COPTOMIINA Schenkling, 1921
  - Subtribe CHROMOPTILIINA Krikken, 1984
  - Subtribe DORYSCELINA Schenkling, 1921
  - Subtribe EUCHROEINA Paulian and Descarpentries, 1982
  - Subtribe HETEROPHANINA Schoch, 1894
  - Subtribe HETEROSOMATINA Krikken, 1984
  - Subtribe PANTOLIINA Krikken, 1984
  - Subtribe PARACHILIINA Krikken, 1984
  - Subtribe STENOTARSIINA Kraatz, 1880
- Tribe TAENIODERINI Mikšić, 1976
  - Subtribe CHALCOTHEINA Mikšić, 1976
  - Subtribe TAENIODERINA Mikšić, 1976
- Tribe TRICHIINI Fleming, 1821
  - Subtribe CRYPTODONTINA Lacordaire, 1856
  - Subtribe INCINA Burmeister, 1842
  - Subtribe OSMODERMATINA Schenkling, 1922
  - Subtribe PLATYGENIINA Krikken, 1984
  - Subtribe TRICHIINA Fleming, 1821
- Tribe VALGINI Mulsant, 1842

Subtribe MICROVALGINA Kolbe, 1904

Subtribe VALGINA Mulsant, 1842

Tribe XIPHOSCELIDINI Burmeister, 1842

†Family COPRINISPHAERIDAE Genise, 2004

†Family PALLICHNIDAE Genise, 2004

### Series ELATERIFORMIA

#### Superfamily SCIRTOIDEA Fleming, 1821

Family DECLINIIDAE Nikitsky, Lawrence, Kirejtshuk and Gratshev, 1994

Family EUCINETIDAE Lacordaire, 1857

Family CLAMBIDAE Fischer von Waldheim, 1821

Subfamily CALYPTOMERINAE Crowson, 1955

Subfamily ACALYPTOMERINAE Crowson, 1979

Subfamily CLAMBINAE Fischer von Waldheim, 1821

Family SCIRTIDAE Fleming, 1821

Subfamily SCIRTINAE Fleming, 1821

Subfamily NIPPONOCYPHONINAE Lawrence and Yoshitomi, 2007

Subfamily STENOCYPHONINAE Lawrence and Yoshitomi, 2007

†Family ELODOPHTHALMIDAE Kirejtshuk and Azar, 2008

†Family MESOCINETIDAE Kirejtshuk and Ponomarenko, 2010

#### Superfamily DASCILLOIDEA Guérin-Méneville, 1843 (1834)

Family DASCILLIDAE Guérin-Méneville, 1843 (1834)

Subfamily DASCILLINAE Guérin-Méneville, 1843 (1834)

Tribe CINNABARIINI Pic, 1914

Tribe DASCILLINI Guérin-Méneville, 1843 (1834)

Subfamily KARUMIINAE Escalera, 1913

Tribe EMMITINI Escalera, 1914

Tribe ESCALERININI Paulus, 1972

Tribe GENECEERINI Pic, 1914

Tribe KARUMIINI Escalera, 1913

Family RHIPICERIDAE Latreille, 1834

#### Superfamily BUPRESTOIDEA Leach, 1815

Family SCHIZOPODIDAE LeConte, 1859

Subfamily SCHIZOPODINAE LeConte, 1859

Tribe DYSTAXIINI Théry, 1929

†Tribe ELECTRAPATINI Iablokoff-Khnzorian, 1962

Tribe SCHIZOPODINI LeConte, 1859

Family BUPRESTIDAE Leach, 1815

Subfamily JULODINAE Lacordaire, 1857

Subfamily POLYCESTINAE Lacordaire, 1857



Tribe ACMAEODERINI Kerremans, 1893

Subtribe ACMAEODERINA Kerremans, 1893

Subtribe ACMAEODEROIDINA Cobos, 1955

Subtribe NOTHOMORPHINA Cobos, 1955

Tribe ASTRAEINI Cobos, 1980

Tribe BULINI Bellamy, 1995

Tribe HAPLOSTETHINI LeConte, 1861

Tribe PARATRACHEINI Cobos, 1980

Tribe PERUCOLINI Cobos, 1980

Tribe POLYCESTINI Lacordaire, 1857

Subtribe POLYCESTINA Lacordaire, 1857

Subtribe XENOPSEINA Volkovitsh, 2008

Tribe POLYCTESINI Cobos, 1955

Tribe PROSPHERINI Cobos, 1980

Tribe PTOSIMINI Kerremans, 1903

Tribe THRINCOPYGINI LeConte, 1861

Tribe TYNDARIDINI Cobos, 1955

Subtribe MIMICOCLYTRININA Bellamy, 2003

Subtribe PSEUDACHERUSIINA Cobos, 1980

Subtribe TYLAUCHENIINA Cobos, 1959

Subtribe TYNDARIDINA Cobos, 1955

Tribe XYROSCELIDINI Cobos, 1955

**Subfamily GALBELLINAE Reitter, 1911**

**Subfamily CHRYSOCHROINAE Laporte, 1835**

Tribe CHRYSOCHROINI Laporte, 1835

Subtribe CHALCOPHORINA Lacordaire, 1857 (1848)

Subtribe CHRYSOCHROINA Laporte, 1835

Subtribe EUCALLOPISTINA Bellamy, 2003

Tribe DICERCINI Gistel, 1848

Subtribe DICERCINA Gistel, 1848

Subtribe HAPLOTTRINCHINA Holyński, 1993

Subtribe HIPPOMELANINA Holyński, 1993

Subtribe PSEUDOPEROTINA Tōyama, 1987

Tribe EVIDINI Tōyama, 1987

Tribe PARALEPTODEMINI Cobos, 1975

Subtribe EUCHROMATINA Holyński, 1993

Subtribe EUPLECTALECIINA Holyński, 1993

Subtribe HYPOPTRASINA Holyński, 1993

Subtribe PARALEPTODEMINA Cobos, 1975

Subtribe PRISTIPTERINA Holyński, 1993

Tribe PARATASSINI Bílý and Volkovitsh, 1996

Tribe POECILONOTINI Jakobson, 1913

Subtribe POECILONOTINA Jakobson, 1913

Subtribe NESOTRINCHINA Bílý, Kubáň and Volkovitsh, 2009

Tribe SPHENOPTERINI Lacordaire, 1857

Tribe VADONAXIINI Descarpentries, 1970

**Subfamily BUPRESTINAE Leach, 1815**

Tribe ACTENODINI Gistel, 1848

Tribe ANTHAXIINI Gory and Laporte, 1839

Tribe BUBASTINI Obenberger, 1920

Tribe BUPRESTINI Leach, 1815

Subtribe AGAEOCERINA Nelson, 1982

Subtribe BUPRESTINA Leach, 1815

Subtribe LAMPROCHEILINA Holyński, 1993

Subtribe TRACHYKELINA Holyński, 1988

Tribe CHRYSOBOTHRINI Gory and Laporte, 1836

Tribe COOMANIELLINI Bílý, 1974

Tribe CURIDINI Holyński, 1988

Subtribe ANILARINA Bílý, 2000

Subtribe CURIDINA Holyński, 1988

Subtribe NEOCURIDINA Holyński, 1988

Tribe EPISTOMENTINI Levey, 1978

Tribe EXAGISTINI Tôyama, 1987

Tribe JULODIMORPHINI Kerremans, 1903

Tribe KISANTHOBIINI Richter, 1949

Tribe MAORAXIINI Holyński, 1984

Tribe MELANOPHILINI Bedel, 1921

Tribe MELOBASEINI Bílý, 2000

Tribe MENDIZABALIINI Cobos, 1968

Tribe NASCIONINI Holyński, 1988

Tribe PHRIXIINI Cobos, 1975

Tribe PTEROBOTHRINI Volkovitsh, 2001

Tribe STIGMODERINI Lacordaire, 1857

Tribe THOMASSETIINI Bellamy, 1987

Subtribe PHILANTHAXIINA Holyński, 1988

Subtribe THOMASSETIINA Bellamy, 1987

Tribe TRIGONOGENIINI Cobos, 1956

Tribe XENORHIPIDINI Cobos, 1986

Subtribe TRICHINORHIPIDINA Bellamy, 2006

Subtribe XENORHIPIDINA Cobos, 1986

**Subfamily AGRILINAE Laporte, 1835**

Tribe AGRILINI Laporte, 1835

Subtribe AGRILINA Laporte, 1835

Subtribe AMORPHOSTERNINA Cobos, 1974

Subtribe AMYIINA Holyński, 1993

Subtribe RHAEBOSCELIDINA Cobos, 1976

Tribe APHANISTICINI Jacquelin du Val, 1859

Subtribe ANTHAXOMORPHINA Holyński, 1993

Subtribe APHANISTICINA Jacquelin du Val, 1859

Subtribe CYLINDROMORPHINA Portevin, 1931

Subtribe CYLINDROMORPHOIDINA Cobos, 1979

Subtribe GERMARICINA Cobos, 1979

Tribe CORAEBINI Bedel, 1921

Subtribe AMORPHOSOMATINA Majer, 2000

Subtribe CISSEINA Majer, 2000

Subtribe CLEMATINA Majer, 2000

Subtribe CORAEBINA Bedel, 1921

Subtribe DISMORPHINA Cobos, 1990

Subtribe ETHONIINA Majer, 2000

Subtribe GERALIINA Cobos, 1988

Subtribe MELIBOEINA Majer, 2000

Subtribe SYNECHOCERINA Majer, 2000

Subtribe TOXOSCELINA Majer, 2000

Tribe TRACHEINI Laporte, 1835

Subtribe BRACHINA LeConte, 1861

Subtribe LEIOPLEURINA Holyński, 1993

Subtribe PACHYSCHHELINA Böving and Craighead, 1931

Subtribe TRACHEINA Laporte, 1835

†Subfamily PARATHYREINAE Alexeev, 1994

### **Superfamily BYRRHOIDEA Latreille, 1804**

#### **Family BYRRHIDAE Latreille, 1804**

##### **Subfamily BYRRHINAE Latreille, 1804**

Tribe BYRRHINI Latreille, 1804

Tribe EXOMELLINI Casey, 1914

Tribe MORYCHINI El Moursy, 1961

Tribe PEDILOPHORINI Casey, 1912

Tribe SIMPLOCARIINI Mulsant and Rey, 1869

##### **Subfamily SYNCALYPTINAE Mulsant and Rey, 1869**

Tribe MICROCHAETINI Paulus, 1973

Tribe SYNCALYPTINI Mulsant and Rey, 1869

##### **Subfamily AMPHICYRTINAE LeConte, 1861**

#### **Family ELMIDAE Curtis, 1830**

##### **Subfamily LARAINAE LeConte, 1861**

Tribe LARAINI LeConte, 1861

Tribe POTAMOPHILINI Mulsant and Rey, 1872

##### **Subfamily ELMINAE Curtis, 1830**

Tribe ANCYRONYCHINI Ganglbauer, 1904

Tribe ELMINI Curtis, 1830



- Subtribe ELMINA Curtis, 1830
- Subtribe STENELMINA Mulsant and Rey, 1872
- Tribe MACRONYCHINI Gistel, 1848
- Family DRYOPIDAE Billberg, 1820 (1817)**
- Family LUTROCHIDAE Kasap and Crowson, 1975**
- Family LIMNICHIDAE Erichson, 1846**
  - Subfamily HYPHALINAE Britton, 1971**
  - Subfamily LIMNICHINAE Erichson, 1846**
    - Tribe LIMNICHINI Erichson, 1846
    - Tribe WOOLDRIDGEINI Spangler, 1999
  - Subfamily CEPHALOBYRRHINAE Champion, 1925**
  - Subfamily THAUMASTODINAE Champion, 1924**
- Family HETEROCERIDAE MacLeay, 1825**
  - Subfamily ELYTHOMERINAE Pacheco, 1964**
  - Subfamily HETEROCERINAE MacLeay, 1825**
    - Tribe AUGYLINI Pacheco, 1964
    - Tribe HETEROCERINI MacLeay, 1825
    - Tribe MICILINI Pacheco, 1964
    - Tribe TROPICINI Pacheco, 1964
- Family PSEPHENIDAE Lacordaire, 1854**
  - Subfamily AFROEUBRIINAE Lee, Satô, Shepard and Jäch, 2007**
  - Subfamily EUBRIINAE Lacordaire, 1857**
  - Subfamily EUBRIANACINAE Jakobson, 1913**
  - Subfamily PSEPHENOIDINAE Bollow, 1938**
  - Subfamily PSEPHENINAE Lacordaire, 1854**
- Family CNEOGLOSSIDAE Champion, 1897**
- Family PTILODACTYLIDAE Laporte, 1836**
  - Subfamily ANCHYTARSINAE Champion, 1897**
  - Subfamily CLADOTOMINAE Pic, 1914**
  - Subfamily APLOGLOSSINAE Champion, 1897**
  - Subfamily ARAEOPIDIINAE Lawrence, 1991**
  - Subfamily PTILODACTYLINAE Laporte, 1836**
- Family PODABROCEPHALIDAE Pic, 1930**
- Family CHELONARIIDAE Blanchard, 1845**
- Family EULICHADIDAE Crowson, 1973**
- Family CALLIRHIPIDAE Emden, 1924**
- 
- Superfamily ELATEROIDEA Leach, 1815**
- Family RHINORHIPIDAE Lawrence, 1988**
- Family ARTEMATOPODIDAE Lacordaire, 1857**
  - Subfamily ELECTRIBIINAE Crowson, 1975**
  - Subfamily ALLOPOGONIINAE Crowson, 1973**
  - Subfamily ARTEMATOPODINAE Lacordaire, 1857**

Tribe ARTEMATOPODINI Lacordaire, 1857

Tribe CTESIBIINI Crowson, 1973

Tribe MACROPOGONINI LeConte, 1861

**Family BRACHYPSECTRIDAE LeConte and Horn, 1883**

**Family CEROPHYTIDAE Latreille, 1834**

**Family EUCNEMIDAE Eschscholtz, 1829**

**Subfamily PEROTHOPINAE Lacordaire, 1857**

**Subfamily PHYLLOCERINAE Reitter, 1905**

Tribe ANELASTINI Reitter, 1911

Tribe PHYLLOCERINI Reitter, 1905

**Subfamily PSEUDOMENINAE Muona, 1993**

Tribe PSEUDOMENINI Muona, 1993

Tribe SCHIZOPHILINI Muona, 1993

**Subfamily PALAEOXENINAE Muona, 1993**

**Subfamily PHLEGONINAE Muona, 1993**

**Subfamily ANISCHIINAE Fleutiaux, 1936**

**Subfamily MELASINAE Fleming, 1821**

Tribe CALYPTOCERINI Muona, 1993

Tribe CEBALLOSMELASINI Muona, 1993

Tribe DIRHAGINI Reitter, 1911

Tribe EPIPHANINI Muona, 1993

Tribe HYLOCHARINI Jacquelin du Val, 1859

Tribe MELASINI Fleming, 1821

Subtribe COMPSOCNEMINA Muona, 1993

Subtribe MELASINA Fleming, 1821

Tribe NEOCHARINI Muona, 1993

Tribe XYLOBIINI Reitter, 1911

**Subfamily EUCNEMINAE Eschscholtz, 1829**

Tribe DENDROCHARINI Fleutiaux, 1920

Tribe DYSCHARACHTHINI Muona, 1993

Tribe ENTOMOSATOPINI Muona, 1993

Tribe EUCNEMINI Eschscholtz, 1829

Tribe GALBITINI Muona, 1991

Tribe MESOGENINI Muona, 1993

Tribe MUONAJINI Özdikmen, 2008

Tribe PERROTIINI Muona, 1993

Tribe PHAENOCERINI Muona, 1993

Tribe PROUTIANINI Muona, 1993

**Subfamily MACRAULACINAE Fleutiaux, 1923**

Tribe ANELASTIDINI Muona, 1993

Tribe ECHTHROGASTERINI Cobos, 1965

Tribe EURYPYCHINI Mamaev, 1976

- Tribe JENIBUNTORINI Muona, 1993
- Tribe MACRAULACINI Fleutiaux, 1923
- Tribe NEMATODINI Leiler, 1976
- Tribe OISOCERINI Muona, 1993
- Tribe ORODOTINI Muona, 1993
- †Tribe THROSCOGENIINI Iablokoff-Khnzorian, 1962
- Family THROSCIDAE Laporte, 1840 *nomen protectum***
- †**Family PRAELATERIIDAE Dolin, 1973**
- Family ELATERIDAE Leach, 1815**
  - Subfamily CEBRIONINAE Latreille, 1802**
  - Subfamily AGRYPNINAE Candèze, 1857 *nomen protectum***
    - Tribe AGRYPNINI Candèze, 1857 *nomen protectum*
    - Tribe ANAISSINI Golbach, 1984
    - †Tribe CRYPTOCARDIINI Dolin, 1980
    - Tribe EUPLINTHINI Costa, 1975
      - Subtribe CLEIDECOSTINA Johnson, 2002
      - Subtribe COMPSOPLINTHINA Costa, 1975
      - Subtribe EUPLINTHINA Costa, 1975
    - Tribe HEMIRHIPINI Candèze, 1857
    - Tribe OOPHORINI Gistel, 1848
    - Tribe PLATYCREPIDIINI Costa and Casari-Chen, 1993
    - Tribe PSEUDOMELANACTINI Arnett, 1967
    - Tribe PYROPHORINI Candèze, 1863
      - Subtribe HAPSODRILINA Costa, 1975
      - Subtribe NYCTOPHYXINA Costa, 1975
      - Subtribe PYROPHORINA Candèze, 1863
    - Tribe TETRALOBINI Laporte, 1840
  - Subfamily THYLACOSTERNINAE Fleutiaux, 1920**
  - Subfamily LISSOMINAE Laporte, 1835**
  - Subfamily SEMIOTINAE Jakobson, 1913**
  - Subfamily CAMPYLOXENINAE Costa, 1975**
  - Subfamily PITYOBIINAE Hyslop, 1917**
  - Subfamily OXYNOPTERINAE Candèze, 1857**
  - Subfamily DENDROMETRINAE Gistel, 1848**
    - Tribe CREPIDOMENINI Candèze, 1863
    - Tribe DENDROMETRINI Gistel, 1848
      - Subtribe DENDROMETRINA Gistel, 1848
      - Subtribe DENTICOLLINA Stein and Weise, 1877 (1848)
      - Subtribe HEMICREPIDIINA Champion, 1896
    - Tribe DIMINI Candèze, 1863
    - Tribe HYPNOIDINI Schwarz, 1906 (1860)
    - Tribe PLEONOMINI Semenov and Pjatakova, 1936



Tribe PROSTERNINI Gistel, 1856 *nomen protectum*

Tribe SENODONIINI Schenkling, 1927

**Subfamily NEGASTRIINAE Nakane and Kishii, 1956**

Tribe NEGASTRIINI Nakane and Kishii, 1956

Tribe QUASIMUSINI Schimmel and Tarnawski, 2009

Subtribe LOEBLIQUASIMUSINA Schimmel and Tarnawski, 2009

Subtribe QUASIMUSINA Schimmel and Tarnawski, 2009

Subtribe STRIATOQUASIMUSINA Schimmel and Tarnawski, 2009

Subtribe WITTMEROQUASIMUSINA Schimmel and Tarnawski, 2009

**Subfamily ELATERINAE Leach, 1815**

Tribe AGRIOTINI Laporte, 1840

Subtribe AGRIOTINA Laporte, 1840

Subtribe CARDIORHININA Candèze, 1863

Tribe AMPEDINI Gistel, 1848

Tribe DICREPIDIINI Thomson, 1858

Tribe ELATERINI Leach, 1815

Tribe MEGAPENTHINI Gurjeva, 1973

Tribe MELANOTINI Candèze, 1859 (1848)

Tribe ODONTONYCHINI Girard, 1973

Tribe PHYSORHININI Candèze, 1859

Tribe POMACHILIINI Candèze, 1859

Tribe SYNAPTINI Gistel, 1856

**Subfamily CARDIOPHORINAE Candèze, 1859**

**Subfamily HEMIOPINAE Fleutiaux, 1941**

**Subfamily PHYSODACTYLINAE Lacordaire, 1857**

**Subfamily EUDICRONYCHINAE Girard, 1971**

**Subfamily SUBPROTELATERINAE Fleutiaux, 1920**

**Subfamily MOROSTOMATINAE Dolin, 2000**

**†Subfamily PROTAGRYPNINAE Dolin, 1973**

†Tribe DESMATINI Dolin, 1975

†Tribe HYPNOMORPHINI Dolin, 1975

†Tribe PROTAGRYPNINI Dolin, 1973

**Family PLASTOCERIDAE Crowson, 1972**

**Family DRILIDAE Blanchard, 1845**

**Subfamily DRILINAE Blanchard, 1845**

**Subfamily THILMANINAE Kazantsev, 2004**

Tribe EUANOMINI Kazantsev, 2010

Tribe THILMANINI Kazantsev, 2004

**Family OMALISIDAE Lacordaire, 1857**

**†Family BERENDTIMIRIDAE Winkler, 1987**

**Family LYCIDAE Laporte, 1836**

**Subfamily LIBNETINAE Bocák and Bocáková, 1990**

**Subfamily DICTYOPTERINAE Houlbert, 1922**

Tribe DICTYOPTERINI Houlbert, 1922

Tribe LYCOPROGENTHINI Bocák and Bocáková, 2008

Tribe TAPHINI Bocák and Bocáková, 1990

**Subfamily LYROPAEINAE Bocák and Bocáková, 1989**

Tribe ALYCULINI Bocák and Bocáková, 2008

Tribe ANTENNOLYCINI Bocák and Bocáková, 2008

Tribe LYROPAEINI Bocák and Bocáková, 1989

Tribe MINIDULITICOLINI Kazantsev, 2003

Tribe PLATERODRILINI Kazantsev, 2004

**Subfamily ATELIINAE Kleine, 1929**

Tribe ATELIINI Kleine, 1929

Tribe DILOPHOTINI Kleine, 1929

**Subfamily LYCINAE Laporte, 1836**

Tribe CALOCHROMINI Lacordaire, 1857

Tribe CALOPTERINI Green, 1949

Subtribe ACROLEPTINA Bocáková, 2005

Subtribe CALOPTERINA Green, 1949

Tribe CONDERINI Bocák and Bocáková, 1990

Tribe DIHAMMATINI Bocák and Bocáková, 2008

Tribe EROTINI LeConte, 1881

Tribe EURRHACINI Bocáková, 2005

Tribe LEPTOLYCINI Leng and Mutchler, 1922

Tribe LYCINI Laporte, 1836

Tribe LYPONIINI Bocák and Bocáková, 1990

Tribe MACROLYCINI Kleine, 1929

Tribe MELANEROTINI Kazantsev, 2010

Tribe METRIORRHYNCHINI Kleine, 1926

Subtribe HEMICONDERININA Bocák and Bocáková, 1990

Subtribe METRIORRHYNCHINA Kleine, 1926

Subtribe TRICHALINA Kleine, 1929

Tribe PLATERODINI Kleine, 1929

Tribe SLIPINSKIINI Bocák and Bocáková, 1992

Tribe THONALMINI Kleine, 1933

**Subfamily DEXORINAE Bocák and Bocáková, 1989**

**Family TELEGEUSIDAE Leng, 1920**

**Family PHENGODIDAE LeConte, 1861**

**Subfamily PHENGODINAE LeConte, 1861**

**Subfamily MASTINOCERINAE LeConte, 1881**

**Subfamily PENICILLOPHORINAE Paulus, 1975**

**Family RHAGOPHTHALMIDAE Olivier, 1907**

**Family LAMPYRIDAE Rafinesque, 1815**

**Subfamily PSILOCLADINAE McDermott, 1964****Subfamily AMYDETINAE Olivier, 1907**

Tribe AMYDETINI Olivier, 1907

Tribe VESTINI McDermott, 1964

**Subfamily LAMPYRINAE Rafinesque, 1815**

Tribe CRATOMORPHINI Green, 1948

Tribe LAMPROCERINI Olivier, 1907

Tribe LAMPROHIZINI Kazantsev, 2010

Tribe LAMPYRINI Rafinesque, 1815

Tribe LUCIDOTINI Lacordaire, 1857

Subtribe DADOPHORINA Olivier, 1907

Subtribe LAMPRIGERINA McDermott, 1964

Subtribe LUCIDOTINA Lacordaire, 1857

Subtribe PHOTININA LeConte, 1881

Tribe PLEOTOMINI Summers, 1874

**Subfamily LUCIOLINAE Lacordaire, 1857**

Tribe CURTOSINI McDermott, 1964

Tribe LUCIOLINI Lacordaire, 1857

**Subfamily PHOTURINAE Lacordaire, 1857****Family OMETHIDAE LeConte, 1861****Subfamily OMETHINAE LeConte, 1861****Subfamily MATHETEINAE LeConte, 1881****Subfamily DRILONIINAE Crowson, 1972****Family CANTHARIDAE Imhoff, 1856 (1815)****Subfamily CANTHARINAE Imhoff, 1856 (1815)**

Tribe CANTHARINI Imhoff, 1856 (1815)

Tribe PODABRINI Gistel, 1856

**Subfamily SILINAE Mulsant, 1862**

Tribe SILINI Mulsant, 1862

Tribe TYTTHONYXINI Arnett, 1962

**Subfamily DYSMORPHOCERINAE Brancucci, 1980****Subfamily MALTHININAE Kiesenwetter, 1852**

Tribe MALCHININI Brancucci, 1980

Tribe MALTHININI Kiesenwetter, 1852

Tribe MALTHODINI Böving and Craighead, 1931

**Subfamily CHAULIOGNATHINAE LeConte, 1861**

Tribe CHAULIOGNATHINI LeConte, 1861

Tribe ICHTHYURINI Champion, 1915

**Subfamily CYDISTINAE Paulus, 1972****Subfamily PTEROTINAE LeConte, 1861****Subfamily OTOTRETINAE McDermott, 1964****Subfamily OTOTRETADRILINAE Crowson, 1972****†Subfamily LASIOSYNIDAE Kirejtshuk, Chang, Ren and Kun, 2010**



**Series DERODONTIFORMIA**

**Superfamily DERODONTOIDEA LeConte, 1861**

**Family DERODONTIDAE LeConte, 1861**

**Subfamily PELTASTICINAE LeConte, 1861**

**Subfamily DERODONTINAE LeConte, 1861**

**Subfamily LARICOBIIINAE Mulsant and Rey, 1864**

**Family NOSODENDRIDAE Erichson, 1846**

**Family JACOBSONIIDAE Heller, 1926**

**Series BOSTRICHIFORMIA**

**Superfamily BOSTRICHODEA Latreille, 1802**

**Family DERMESTIDAE Latreille, 1804**

**Subfamily DERMESTINAE Latreille, 1804**

Tribe DERMESTINI Latreille, 1804

Tribe MARIOUTINI Jakobson, 1913

**Subfamily THORICTINAE Agassiz, 1846**

Tribe THAUMAPHRASTINI Anderson, 1949

Tribe THORICTINI Agassiz, 1846

**Subfamily ORPHILINAE LeConte, 1861**

**Subfamily TRINODINAE Casey, 1900**

†Tribe CRETONODINI Kirejtshuk and Azar, 2009

Tribe THYLODRIINI Semenov, 1909

Tribe TRINODINI Casey, 1900

Tribe TRINOPARVINI Háva, 2010

**Subfamily ATTAGENINAE Laporte, 1840**

Tribe ATTAGENINI Laporte, 1840

Tribe EGIDYELLINI Semenov, 1914

**Subfamily MEGATOMINAE Leach, 1815**

Tribe ANTHRENINI Gistel, 1848

Tribe MEGATOMINI Leach, 1815

**Family ENDECATOMIDAE LeConte, 1861**

**Family BOSTRICHIDAE Latreille, 1802**

**Subfamily DYSIDINAE Lesne, 1921**

**Subfamily POLYCAONINAE Lesne, 1896**

**Subfamily BOSTRICHINAE Latreille, 1802**

Tribe APATINI Billberg, 1820

Tribe BOSTRICHINI Latreille, 1802

Tribe DINAPATINI Lesne, 1910

Tribe SINOXYLINI Marseul, 1857

Tribe XYLOPERTHINI Lesne, 1921

**Subfamily PSOINAE Blanchard, 1851**

**Subfamily DINODERINAE Thomson, 1863****Subfamily LYCTINAE Billberg, 1820**

Tribe LYCTINI Billberg, 1820

Tribe TROGOXYLINI Lesne, 1921

**Subfamily EUDERIINAE Lesne, 1934****Family PTINIDAE Latreille, 1802****Subfamily EUCRADINAE LeConte, 1861**

Tribe EUCRADINI LeConte, 1861

Tribe HEDOBIIINI Mulsant and Rey, 1868

**Subfamily PTININAE Latreille, 1802**

Tribe GIBBIINI Jacquelin du Val, 1860

Tribe MEZIINI Bellés, 1985

Tribe PTININI Latreille, 1802

Tribe SPHAERICINI Portevin, 1931

**Subfamily DRYOPHILINAE Gistel, 1848**

Tribe DRYOPHILINI Gistel, 1848

Tribe PTILINEURINI Böving, 1927

**Subfamily ERNOBIINAE Pic, 1912****Subfamily ANOBIINAE Fleming, 1821****Subfamily PTILININAE Shuckard, 1839****Subfamily ALVARENGANIPELLINAE Viana and Martínez, 1971****Subfamily XYLETININAE Gistel, 1848**

Tribe LASIODERMINI Böving, 1927

Tribe METHOLCINI Zahradník, 2009

Tribe XYLETININI Gistel, 1848

**Subfamily DORCATOMINAE Thomson, 1859****Subfamily MESOCOELOPODINAE Mulsant and Rey, 1864**

Tribe TRICORYNINI White, 1971

Tribe MESOCOELOPODINI Mulsant and Rey, 1864

**Series CUCUJIFORMIA****Superfamily LYMEXYLOIDEA Fleming, 1821****Family LYMEXYLIDAE Fleming, 1821****Subfamily HYLECOETINAE Germar, 1818****Subfamily LYMEXYLINAE Fleming, 1821****Subfamily ATRACTOCERINAE Laporte, 1840****Subfamily MELITTOMMATINAE Wheeler, 1986****Superfamily CLEROIDEA Latreille, 1802****Family PHLOIOPHILIDAE Kiesenwetter, 1863****Family TROGOSSITIDAE Latreille, 1802****Subfamily PELTINAE Latreille, 1806**

- Tribe ANCYRONINI Kolibáč, 2006
- Tribe COLYDIOPELTINI Kolibáč, 2006
- Tribe DECAMERINI Crowson, 1964
- Tribe LOPHOCATERINI Crowson, 1964 *nomen protectum*
- Tribe PELTINI Latreille, 1806
- Tribe THYMALINI Lèveillé, 1888
- Subfamily TROGOSSITINAE Latreille, 1802**
  - Tribe CALITYINI Reitter, 1922
  - Tribe EGOLIINI Lacordaire, 1854
  - Tribe GYMNOCHILINI Lacordaire, 1854
  - Tribe LARINOTINI Ślipiński, 1992
  - †Tribe LITHOSTOMATINI Kolibáč and Huang, 2008
  - Tribe TROGOSSITINI Latreille, 1802
- Family CHAETOSOMATIDAE Crowson, 1952**
- Family METAXINIDAE Kolibáč, 2004**
- Family THANEROCLERIDAE Chapin, 1924**
  - Subfamily ZENODOSINAE Kolibáč, 1992**
  - Subfamily THANEROCLERINAE Chapin, 1924**
    - Tribe ISOCLERINI Kolibáč, 1992
    - Tribe THANEROCLERINI Chapin, 1924
    - Tribe VITICLERINI Winkler, 1982
- Family CLERIDAE Latreille, 1802**
  - Subfamily TILLINAE Fischer von Waldheim, 1813**
  - Subfamily HYDNOCERINAE Spinola, 1844**
    - Tribe CALLIMERINI Kolibáč, 1998
    - Tribe HYDNOCERINI Spinola, 1844
    - Tribe LEMIDIINI Kolibáč, 1998
  - Subfamily CLERINAE Latreille, 1802**
  - Subfamily KORYNETINAE Laporte, 1836**
- Family ACANTHOCNEMIDAE Crowson, 1964**
- Family PHYCOSECIDAE Crowson, 1952**
- Family PRIONOCERIDAE Lacordaire, 1857**
  - Tribe LOBONYCHINI Majer, 1987
  - Tribe PRIONOCERINI Lacordaire, 1857
- Family MAURONISCIDAE Majer, 1995**
- Family MELYRIDAE Leach, 1815**
  - Subfamily RHADALINAE LeConte, 1861**
  - Subfamily MELYRINAE Leach, 1815**
    - Tribe ARTHROBRACHINI Majer, 1987
    - Tribe ASTYLINI Pic, 1929
    - Tribe CERALLINI Pic, 1929
    - Tribe MELYRINI Leach, 1815
  - Subfamily DASYTINAE Laporte, 1840**



Tribe CHAETOMALACHIINI Majer, 1987

Tribe DANACEINI Thomson, 1859

Tribe DASYTINI Laporte, 1840

Tribe GIETELLINI Constantin and Menier, 1987

Tribe LISTRINI Majer, 1990

**Subfamily MALACHIINAE Fleming, 1821**

Tribe AMALTHOCINI Majer, 2002

Tribe ATTALOMIMINI Majer, 1995

Tribe CARPHURINI Champion, 1923

Tribe LEMPHINI Wittmer, 1976

Tribe MALACHIINI Fleming, 1821

Tribe PAGURODACTYLINI Constantin, 2001

**Superfamily CUCUJOIDEA Latreille, 1802**

†Family PARANDREXIDAE Kirejtshuk, 1994

†Family SINISILVANIDAE Hong, 2002

Family BOGANIIDAE Sen Gupta and Crowson, 1966

Subfamily PARACUCUJINAE Endrödy-Younga and Crowson, 1986

Subfamily BOGANIINAE Sen Gupta and Crowson, 1966

Family BYTURIDAE Gistel, 1848

Subfamily PLATYDASCILLINAE Pic, 1914

Subfamily BYTURINAE Gistel, 1848

Family HELOTIDAE Chapuis, 1876

Family PROTOCUCUJIDAE Crowson, 1954

Family SPHINDIDAE Jacquelin du Val, 1860

Subfamily PROTOSPHINDINAE Sen Gupta and Crowson, 1979

Subfamily ODONTOSPHINDINAE Sen Gupta and Crowson, 1979

Subfamily SPHINDIPHORINAE Sen Gupta and Crowson, 1979

Subfamily SPHINDINAE Jacquelin du Val, 1860

Family BIPHYLLIDAE LeConte, 1861

Family EROTYLIDAE Latreille, 1802

Subfamily XENOSCELINAE Ganglbauer, 1899

Subfamily PHARAXONOTHINAE Crowson, 1952

Subfamily LOBERINAE Bruce, 1951

Subfamily LANGURIINAE Hope, 1840

Tribe HAPALIPINI Leschen, 2003

Tribe LANGURIINI Hope, 1840

Tribe THALLISELLINI Sen Gupta, 1968

Subfamily CRYPTOPHILINAE Casey, 1900

Tribe CRYPTOPHILINI Casey, 1900

Tribe EMPOCRYPTINI Leschen, 2003

Tribe TORAMINI Sen Gupta, 1967

Subfamily EROTYLINAE Latreille, 1802

- Tribe DACNINI Gistel, 1848
- Tribe ENCAUSTINI Crotch, 1876
- Tribe EROTYLINI Latreille, 1802
- Tribe MEGALODACNINI Sen Gupta, 1970
- Tribe TRITOMINI Curtis, 1834
- Family MONOTOMIDAE Laporte, 1840**
  - Subfamily RHIZOPHAGINAE Redtenbacher, 1845**
  - Subfamily MONOTOMINAE Laporte, 1840**
    - Tribe EUROPINI Sen Gupta, 1988
    - Tribe LENACINI Crowson, 1952
    - Tribe MONOTOMINI Laporte, 1840
    - †Tribe RHIZOPHTOMINI Kirejtshuk and Azar, 2009
    - Tribe THIONINI Crowson, 1952
- Family HOBARTIIDAE Sen Gupta and Crowson, 1966**
- Family CRYPTOPHAGIDAE Kirby, 1826**
  - Subfamily CRYPTOPHAGINAE Kirby, 1826**
    - Tribe CAENOSCELINI Casey, 1900
    - Tribe CRYPTOPHAGINI Kirby, 1826
    - Tribe PICROTINI Crowson, 1980
  - Subfamily ATOMARIINAE LeConte, 1861**
    - Tribe ATOMARIINI LeConte, 1861
    - Tribe CRYPTAFRICINI Leschen, 1996
    - Tribe HYPOCOPRINI Reitter, 1879
- Family AGAPYTHIDAE Sen Gupta and Crowson, 1969**
- Family PRIASILPHIDAE Crowson, 1973**
- Family PHLOEOSTICHIDAE Reitter, 1911**
- Family SILVANIDAE Kirby, 1837**
  - Subfamily BRONTINAE Blanchard, 1845**
    - Tribe BRONTINI Blanchard, 1845
    - Tribe TELEPHANINI LeConte, 1861
  - Subfamily SILVANINAE Kirby, 1837**
- Family CUCUJIDAE Latreille, 1802**
- Family MYRABOLIIDAE Lawrence and Britton, 1991**
- Family CAVOGNATHIDAE Sen Gupta and Crowson, 1966**
- Family LAMINGTONIIDAE Sen Gupta and Crowson, 1969**
- Family PASSANDRIDAE Blanchard, 1845**
- Family PHALACRIDAE Leach, 1815**
  - Subfamily PHAENOCEPHALINAE Matthews, 1899**
  - Subfamily PHALACRINAE Leach, 1815**
- Family PROPALTICIDAE Crowson, 1952**
- Family LAEMOPHLOEIDAE Ganglbauer, 1899**
- Family TASMOSALPINGIDAE Lawrence and Britton, 1991**
- Family CYCLAXYRIDAE Gimmel, Leschen and Ślipiński, 2009**

**Family KATERETIDAE Kirby, 1837****Family NITIDULIDAE Latreille, 1802****Subfamily CALONECRINAE Kirejtshuk, 1982****Subfamily MAYNIPEPLINAE Kirejtshuk, 1998****Subfamily EPURAEINAE Kirejtshuk, 1986**

Tribe EPURAEINI Kirejtshuk, 1986

Tribe TAENIONCINI Kirejtshuk, 1998

**Subfamily CARPOPHILINAE Erichson, 1842****Subfamily AMPHICROSSINAE Kirejtshuk, 1986****Subfamily MELIGETHINAE Thomson, 1859****Subfamily NITIDULINAE Latreille, 1802**

Tribe CYCHRAMINI Gistel, 1848

Tribe CYCHRAMPTODINI Kirejtshuk and Lawrence, 1992

Tribe CYLLODINI Everts, 1898

Tribe LAWRENCEROSINI Kirejtshuk, 1991

Tribe MYSTROPINI Murray, 1864

Tribe NITIDULINI Latreille, 1802

**Subfamily CILLAEINAE Kirejtshuk and Audisio, 1986****Subfamily CRYPTARCHINAE Thomson, 1859**

Tribe ARHININI Kirejtshuk, 1987

Tribe CRYPTARCHINI Thomson, 1859

Tribe EUCALOSPHAERINI Kirejtshuk, 1987

Tribe PLATYARCHINI Kirejtshuk, 1998

**Subfamily CYBOCEPHALINAE Jacquelin du Val, 1858****Family SMICRIPIDAE Horn, 1880****Family BOTHRIDERIDAE Erichson, 1845****Subfamily TEREDINAE Seidlitz, 1888**

Tribe SOSYLOPSINI Dajoz, 1980

Tribe SYSOLINI Ślipiński and Pal, 1985

Tribe TEREDINI Seidlitz, 1888

**Subfamily XYLARIOPHILINAE Pal and Lawrence, 1986****Subfamily ANOMMATINAE Ganglbauer, 1899****Subfamily BOTHRIDERINAE Erichson, 1845****Family CERYLONIDAE Billberg, 1820****Subfamily EUXESTINAE Grouvelle, 1908****Subfamily LOEBLIORYLONINAE Ślipiński, 1990****Subfamily OSTOMOPSINAE Sen Gupta and Crowson, 1973****Subfamily MURMIDIINAE Jacquelin du Val, 1858****Subfamily CERYLONINAE Billberg, 1820****Family ALEXIIDAE Imhoff, 1856****Family DISCOLOMATIDAE Horn, 1878****Subfamily NOTIOPHYGINAE Jakobson, 1915**

Tribe DYSTHEAMONINI John, 1954

- Tribe NOTIOPHYGINI Jakobson, 1915
- Tribe PACHYPLACINI John, 1954
- Subfamily DISCOLOMATINAE Horn, 1878**
- Subfamily APHANOCEPHALINAE Jakobson, 1904**
- Subfamily CEPHALOPHANINAE John, 1954**
- Subfamily PONDONATINAE John, 1954**
- Family ENDOMYCHIDAE Leach, 1815**
  - Subfamily MEROPHYSIINAE Seidlitz, 1872**
  - Subfamily PLEGANOPHORINAE Jacquelin du Val, 1858**
  - Subfamily ANAMORPHINAE Strohecker, 1953**
  - Subfamily LEIESTINAE Thomson, 1863**
  - Subfamily MYCETAEINAE Jacquelin du Val, 1857**
  - Subfamily EUPSILOBIINAE Casey, 1895**
  - Subfamily XENOMYCETINAE Strohecker, 1962**
  - Subfamily DANASCELINAE Tomaszewska, 2000**
  - Subfamily ENDOMYCHINAE Leach, 1815**
  - Subfamily EPIPOCINAE Gorham, 1873**
  - Subfamily STENOTARSINAE Chapuis, 1876**
  - Subfamily LYCOPERDININAE Bromhead, 1838**
- Family COCCINELLIDAE Latreille, 1807**
  - Subfamily MICROWEISEINAE Leng, 1920**
    - Tribe MICROWEISEINI Leng, 1920
    - Tribe SERANGIINI Pope, 1962
    - Tribe SUKUNAHIKONINI Kamiya, 1960
  - Subfamily COCCINELLINAE Latreille, 1807**
    - Tribe ARGENTIPILOSINI Gordon and de Almeida, 1991
    - Tribe ASPIDIMERINI Mulsant, 1850
    - Tribe AZYINI Mulsant, 1850
    - Tribe BRACHIACANTHINI Mulsant, 1850
    - Tribe CARINODULINI Gordon, Pakaluk and Ślipiński, 1989
    - Tribe CEPHALOSCYMNINI Gordon, 1985
    - Tribe CHILOCORINI Mulsant, 1846
    - Tribe CHNOODINI Mulsant, 1850
    - Tribe COCCIDULINI Mulsant, 1846
    - Tribe COCCINELLINI Latreille, 1807
    - Tribe CRANOPHORINI Mulsant, 1850
    - Tribe CRYPTOGNATHINI Mulsant, 1850
    - Tribe CYNEGETINI Thomson, 1866
    - Tribe DIOMINI Gordon, 1999
    - Tribe EPILACHNINI Mulsant, 1846
    - Tribe EPIVERTINI Pang and Mao, 1979
    - Tribe EREMOCHILINI Gordon and Vanderberg, 1987
    - Tribe HYPERASPIDINI Mulsant, 1846



Tribe LIMNICHOPHARINI Miyatake, 1994

Tribe MONOCORYNINI Miyatake, 1988

Tribe NOVIINI Mulsant, 1846

Tribe ORTALIINI Mulsant, 1850

Tribe ORYSSOMINI Gordon, 1974

Tribe PLATYNASPINI Mulsant, 1846

Tribe PLOTININI Miyatake, 1994

Tribe PORIINI Mulsant, 1850

Tribe SCYMNILLINI Casey, 1899

Tribe SCYMNINI Mulsant, 1846

Tribe SELVADIINI Gordon, 1985

Tribe SHIROZUELLINI Sasaji, 1967

Tribe STETHORINI Dobzhansky, 1924

Tribe STICHOLOTIDINI Weise, 1901

Tribe TELSIMIINI Casey, 1899

Tribe TETRABRACHINI Kapur, 1948

**Family CORYLOPHIDAE LeConte, 1852**

**Subfamily PERIPTYCTINAE Ślipiński, Lawrence and Tomaszewska, 2001**

**Subfamily CORYLOPHINAE LeConte, 1852**

Tribe AENIGMATICINI Casey, 1900

Tribe CLEIDOSTETHINI Bowstead, Booth, Ślipiński and Lawrence, 2001

Tribe CORYLOPHINI LeConte, 1852

Tribe FOADIINI Ślipiński, Tomaszewska and Lawrence, 2009

Tribe ORTHOPERINI Jacquelin du Val, 1857

Tribe PARMULINI Poey, 1854

Tribe PELTINODINI Paulian, 1950

Tribe RYPOBIINI Paulian, 1950

Tribe SERICODERINI Matthews, 1888

Tribe TEPLININI Pakaluk, Ślipiński and Lawrence, 1994

**Family AKALYPTOISCHIIDAE Lord, Hartley, Lawrence, McHugh and Miller, 2010**

**Family LATRIDIIDAE Erichson, 1842**

**Subfamily LATRIDIINAE Erichson, 1842**

**Subfamily CORTICARIINAE Curtis, 1829**

**†Subfamily TETRAMEROPSEINAE Kirejtshuk and Azar, 2008**

**Superfamily TENEBRIONOIDEA Latreille, 1802**

**Family MYCETOPHAGIDAE Leach, 1815**

**Subfamily ESARCINAE Reitter, 1882**

**Subfamily MYCETOPHAGINAE Leach, 1815**

Tribe MYCETOPHAGINI Leach, 1815

Tribe TYPHAEINI Thomson, 1863

**Subfamily BERGININAE Leng, 1920**

**Family ARCHEOCRYPTICIDAE Kaszab, 1964**

**Family PTEROGENIIDAE Crowson, 1953**

**Family CIIDAE Leach, 1819**

**Subfamily SPHINDOCIINAE Lawrence, 1974**

**Subfamily CIINAE Leach, 1819**

Tribe CIINI Leach, 1819

Tribe OROPHIINI Thomson, 1863

Tribe XYLOGRAPHELLINI Kawanabe and Miyatake, 1996

Subtribe SYNCOSMETINA Lopes-Andrade, 2008

Subtribe XYLOGRAPHELLINA Kawanabe and Miyatake, 1996

**Family TETRATOMIDAE Billberg, 1820**

**Subfamily TETRATOMINAE Billberg, 1820**

**Subfamily PISENINAE Miyatake, 1960**

**Subfamily PENTHINAE Lacordaire, 1859**

**Subfamily HALLOMENINAE Gistel, 1848**

**Subfamily EUSTROPHINAE Gistel, 1848**

Tribe EUSTROPHINI Gistel, 1848

Tribe HOLOSTROPHINI Nikitsky, 1998

**Family MELANDRYIDAE Leach, 1815**

**Subfamily MELANDRYINAE Leach, 1815**

Tribe ANISOXIELLINI Nikitsky, 2007

Tribe DIRCAEINI Kirby, 1837

Tribe HYPULINI Gistel, 1848

Tribe MELANDRYINI Leach, 1815

Tribe ORCHESIINI Mulsant, 1856

Tribe SERROPALPINI Latreille, 1829

Tribe XYLITINI Thomson, 1864

Tribe ZILORINI Desbrochers des Loges, 1900

**Subfamily OSPHYINAE Mulsant, 1856 (1839)**

**Family MORDELLIDAE Latreille, 1802**

**Subfamily CTENIDIINAE Franciscolo, 1951**

**Subfamily MORDELLINAE Latreille, 1802**

Tribe CONALIINI Ermisch, 1956

Tribe MORDELLINI Latreille, 1802

Tribe MORDELLISTENINI Ermisch, 1941

Tribe REYNOLDSIELLINI Franciscolo, 1957

Tribe STENALIINI Franciscolo, 1955

**Family RIPIPHORIDAE Gemminger, 1870 (1855)**

**Subfamily PTILOPHORINAE Gerstaecker, 1855**

**Subfamily PELECOTOMINAE Seidlitz, 1875**

**Subfamily HEMIRHIPIDIINAE Heller, 1921**

**Subfamily RIPIDIINAE Gerstaecker, 1855**

Tribe EORHIPIDIINI Iablokoff-Khnzorian, 1986

Tribe RIPIDIINI Gerstaecker, 1855

**Subfamily RIPIPHORINAE Gemminger, 1870 (1855)**

Tribe MACROSIAGONINI Heyden, 1908

Tribe RIPIPHORINI Gemminger, 1870 (1855)

**Family ZOPHERIDAE Solier, 1834****Subfamily COLYDIINAE Billberg, 1820**

Tribe ACROPINI Sharp, 1894

Tribe ADIMERINI Sharp, 1894

Tribe COLYDIINI Billberg, 1820

Tribe GEMPYLODINI Sharp, 1893

Tribe NEMATIDIINI Horn, 1878

Tribe ORTHOCERINI Blanchard, 1845

Tribe RHAGODERINI Horn, 1878

Tribe RHOPALOCERINI Reitter, 1911

Tribe SYNCHITINI Erichson, 1845

**Subfamily ZOPHERINAE Solier, 1834**

Tribe LATOMETINI Ślipiński and Lawrence, 1999

Tribe MONOMMATINI Blanchard, 1845

Tribe PHELLOPSINI Ślipiński and Lawrence, 1999

Tribe PYCNOMERINI Erichson, 1845

Tribe USECHINI Horn, 1867

Tribe ZOPHERINI Solier, 1834

**Family ULODIDAE Pascoe, 1869****Family PROMECHEILIDAE Lacordaire, 1859****Family CHALCODRYIDAE Watt, 1974****Family TRACHELOSTENIDAE Lacordaire, 1859****Family TENEBRIONIDAE Latreille, 1802****Subfamily ZOLODININAE Watt, 1975****Subfamily LAGRIINAE Latreille, 1825 (1820)**

Tribe ADELIINI Kirby, 1828

Tribe BELOPINI Reitter, 1917

Tribe CHAERODINI Doyen, Matthews and Lawrence, 1990

Tribe COSSYPHINI Latreille, 1802

Tribe GONIADERINI Lacordaire, 1859

Tribe LAENINI Seidlitz, 1895

Tribe LAGRIINI Latreille, 1825 (1820)

Subtribe LAGRIINA Latreille, 1825 (1820)

Subtribe STATIRINA Blanchard, 1845

Tribe LUPROPINI Ardoin, 1958

Tribe PYCNOCERINI Lacordaire, 1859 *nomen protectum***Subfamily NILIONINAE Oken, 1843****Subfamily PHRENAPATINAE Solier, 1834**

Tribe ARCHAEOGLENINI Watt, 1975

Tribe PENETINI Lacordaire, 1859

- Tribe PHRENAPATINI Solier, 1834
- Subfamily PIMELIINAE Latreille, 1802**
  - Tribe ADELSTOMINI Solier, 1834
  - Tribe ADESMIINI Lacordaire, 1859 *nomen protectum*
  - Tribe AKIDINI Billberg, 1820
  - Tribe ANEPSIINI LeConte, 1862
  - Tribe ASIDINI Fleming, 1821
  - Tribe BOROMORPHINI Skopin, 1978
  - Tribe BRANCHINI LeConte, 1862
  - Tribe CAENOCRYPTICINI Koch, 1958
  - Tribe CERATANISINI Gebien, 1937
  - Tribe CNEMEPLATIINI Jacquelin du Val, 1861
    - Subtribe ACTIZETINA Watt, 1992
    - Subtribe CNEMEPLATIINA Jacquelin du Val, 1861
    - Subtribe RONDONIELLINA Ferrer and Moragues, 2000
    - Subtribe THORICTOSOMATINA Watt, 1992
  - Tribe CNEMODININI Gebien, 1910
  - Tribe CONIONTINI Waterhouse, 1858
  - Tribe COSSYPHODINI Wasmann, 1899
    - Subtribe COSSYPHODINA Wasmann, 1899
    - Subtribe COSSYPHODITINA Basilewsky, 1950
    - Subtribe ESEMEPHINA Steiner, 1980
    - Subtribe PARAMELLONINA Andreae, 1961
  - Tribe CRYPTOCHILINI Solier, 1841
    - Subtribe CALOGNATHINA Lacordaire, 1859
    - Subtribe CRYPTOCHILINA Solier, 1841
    - Subtribe HOMEBIINA Endrödy-Younga, 1989
    - Subtribe HORATOMINA Koch, 1955
    - Subtribe VANSONIINA Koch, 1955
  - Tribe CRYPTOGLOSSINI LeConte, 1862 *nomen protectum*
  - Tribe EDROTINI Lacordaire, 1859
  - Tribe ELENOPHORINI Solier, 1837
  - Tribe EPITRAGINI Blanchard, 1845 *nomen protectum*
  - Tribe ERODIINI Billberg, 1820 *nomen protectum*
  - Tribe EVANIOSOMINI Lacordaire, 1859
  - Tribe FALSOMYCTERINI Gebien, 1910
  - Tribe IDISIINI Medvedev, 1973
  - Tribe KLEWARIINI Gebien, 1910
  - Tribe KUHITANGIINI Medvedev, 1962
  - Tribe LACHNOGYINI Seidlitz, 1894
    - Subtribe LACHNODACTYLINA Reitter, 1904
    - Subtribe LACHNOGYINA Seidlitz, 1894
    - Subtribe NETUSCHILIINA Ferrer and Yvinec, 2004



- Tribe LEPTODINI Lacordaire, 1859
- Tribe NYCTELIINI Solier, 1834
- Tribe NYCTOPORINI Lacordaire, 1859
- Tribe PHRYNOCARENINI Gebien, 1928
- Tribe PHYSOGASTERINI Lacordaire, 1859
- Tribe PIMELIINI Latreille, 1802
- Tribe PRAOCIINI Eschscholtz, 1829
- Tribe SEPIDIINI Eschscholtz, 1829
  - Subtribe HYPOMELINA Koch, 1955
  - Subtribe MOLURINA Solier, 1834
  - Subtribe OXURINA Koch, 1955
  - Subtribe PHANEROTOMEINA Koch, 1958
  - Subtribe SEPIDIINA Eschscholtz, 1829
  - Subtribe TRACHYNOTINA Koch, 1955
- Tribe STENOSINI Schaum, 1859 (1834)
- Tribe TENTYRIINI Eschscholtz, 1831
- Tribe THINOBATINI Lacordaire, 1859
- Tribe TRILOBOCARINI Lacordaire, 1859
- Tribe VACRONINI Gebien, 1910
- Tribe ZOPHOSINI Solier, 1834

**Subfamily TENEBRIONINAE Latreille, 1802**

- Tribe ACROPTERONINI Doyen, 1989
- Tribe ALPHITOBIIINI Reitter, 1917
- Tribe AMARYGMINI Gistel, 1848
- Tribe AMPHIDORINI LeConte, 1862
- Tribe APOCRYPHINI Lacordaire, 1859
- Tribe BLAPTINI Leach, 1815
  - Subtribe BLAPTINA Leach, 1815
  - Subtribe GNAPTORINA Medvedev, 2001
  - Subtribe GNAPTORININA Medvedev, 2001
  - Subtribe PROSODINA Skopin, 1960
  - Subtribe REMIPEDELLINA Semenov, 1907
- Tribe BOLITOPHAGINI Kirby, 1837 *nomen protectum*
- Tribe CENTRONOPINI Doyen, 1989
- Tribe CERENOPINI Horn, 1870
- Tribe DISSONOMINI Medvedev, 1968
- Tribe EULABINI Horn, 1870
- Tribe FALSOCOSSYPHINI Ferrer, 2006
- Tribe HELEINI Fleming, 1821
  - Subtribe ASPHALINA Matthews and Lawrence, 2005
  - Subtribe CYPHALEINA Lacordaire, 1859
  - Subtribe HELEINA Fleming, 1821
- Tribe HELOPINI Latreille, 1802

- Subtribe HELOPINA Latreille, 1802
- Subtribe CYLINDRINOTINA Español, 1956
- Tribe HELOPININI Lacordaire, 1859
  - Subtribe APTILINA Koch, 1958
  - Subtribe HELOPININA Lacordaire, 1859
  - Subtribe MICRANTEREINA Reitter, 1917
  - Subtribe ONCOSOMINA Koch, 1958
- Tribe MELANIMONINI Seidlitz, 1894 (1854)
- Tribe OPATRINI Brullé, 1832
  - Subtribe HETEROCHEIRINA Koch, 1956
  - Subtribe HETEROTARSINA Blanchard, 1845
  - Subtribe OPATRINA Brullé, 1832
  - Subtribe NEOPACHYPTERINA Bouchard, Löbl and Merkl, 2007
- Tribe PALORINI Matthews, 2003
- Tribe PEDININI Eschscholtz, 1829
  - Subtribe DENDARINA Mulsant and Rey, 1854
  - Subtribe EURYNOTINA Mulsant and Rey, 1854
  - Subtribe LEICHENINA Mulsant, 1854
  - Subtribe LOENSINA Koch, 1956
  - Subtribe MELAMBIINA Mulsant and Rey, 1854
  - Subtribe PEDININA Eschscholtz, 1829
  - Subtribe PLATYNOTINA Mulsant and Rey, 1853
  - Subtribe PYTHIOPINA Koch, 1953
- Tribe PLATYSCOLIDINI Lacordaire, 1859
- Tribe PRAEUGENINI De Moor, 1970
- Tribe RHYSOPAUSINI Wasmann, 1896
- Tribe SCAURINI Billberg, 1820
- Tribe SCOTOBIINI Solier, 1838
- Tribe TENEBRIONINI Latreille, 1802
- Tribe TITAENINI Fauvel, 1905
- Tribe TOXICINI Oken, 1843
  - Subtribe EUDYSANTINA Bouchard, Lawrence, Davies and Newton, 2005
  - Subtribe NYCTEROPINA Lacordaire, 1859
  - Subtribe TOXICINA Oken, 1843
- Tribe TRIBOLIINI Gistel, 1848
- Tribe ULOMINI Blanchard, 1845
- Subfamily ALLECULINAE Laporte, 1840**
  - Tribe ALLECULINI Laporte, 1840
    - Subtribe ALLECULINA Laporte, 1840
    - Subtribe GONODERINA Seidlitz, 1896
    - Subtribe MYCETOCHARINA Gistel, 1848
    - Subtribe XYSTROPODINA Solier, 1835
  - Tribe CTENIOPODINI Solier, 1835

**Subfamily DIAPERINAE Latreille, 1802**

Tribe CRYPTICINI Brullé, 1832

Tribe DIAPERINI Latreille, 1802

Subtribe ADELININA LeConte, 1862

Subtribe DIAPERINA Latreille, 1802

Tribe ECTYCHINI Doyen, Matthews and Lawrence, 1990

Tribe GNATHIDIINI Gebien, 1921

Subtribe ANOPIDIINA Jeannel and Paulian, 1945

Subtribe GNATHIDIINA Gebien, 1921

Tribe HYOCIINI Medvedev and Lawrence, 1982

Subtribe BRITTONINA Medvedev and Lawrence, 1986

Subtribe HYOCIINA Medvedev and Lawrence, 1982

Subtribe UPTONINA Medvedev and Lawrence, 1986

Tribe HYPOPHLAEINI Billberg, 1820

Tribe LEIOCHRININI Lewis, 1894

Tribe MYRMECHIXENINI Jacquelin du Val, 1858

Tribe PHALERIINI Blanchard, 1845

Tribe SCAPHIDEMINI Reitter, 1922

Tribe TRACHYSCELINI Blanchard, 1845

**Subfamily STENOCHIINAE Kirby, 1837**

Tribe CNODALONINI Oken, 1843

Tribe STENOCHIINI Kirby, 1837

Tribe TALANINI Champion, 1887 (1883)

**Family PROSTOMIDAE Thomson, 1859****Family SYNCHROIDAE Lacordaire, 1859****Family STENOTRACHELIDAE Thomson, 1859****Subfamily STENOTRACHELINAE Thomson, 1859****Subfamily CEPHALOINAE LeConte, 1862****Subfamily NEMATOPLINAE LeConte, 1862****Subfamily STOLIINAE Nikitsky, 1985****Family OEDEMERIDAE Latreille, 1810****Subfamily POLYPRIINAE Lawrence, 2005****Subfamily CALOPODINAE Costa, 1852 *nomen protectum*****Subfamily OEDEMERINAE Latreille, 1810**

Tribe ASCLERINI Gistel, 1848

Tribe DITYLINI Mulsant, 1858

Tribe NACERDINI Mulsant, 1858

Tribe OEDEMERINI Latreille, 1810

Tribe STENOSTOMATINI Mulsant, 1858

**Family MELOIDAE Gyllenhal, 1810****Subfamily ELETICINAE Wellman, 1910**

Tribe DERIDEINI Wellman, 1910

Tribe ELETICINI Wellman, 1910

- Subtribe ELETICINA Wellman, 1910
- Subtribe EOSPASTINA Selander, 1966
- Tribe ERTLIANINI Selander, 1966
- Tribe SPASTICINI Kaszab, 1959
  - Subtribe ANTHICOXENINA Selander, 1966
  - Subtribe PROTOMELOINA Abdullah, 1965
  - Subtribe SPASTICINA Kaszab, 1959
  - Subtribe XENOSPASTINA Selander, 1966
- Subfamily MELOINAE Gyllenhal, 1810**
  - Tribe CEROCOMINI Leach, 1815
  - Tribe EPICAUTINI Parker and Böving, 1924
  - Tribe EUPOMPHINI LeConte, 1862
  - Tribe LYTTINI Solier, 1851
  - Tribe MELOINI Gyllenhal, 1810
  - Tribe MYLABRINI Rafinesque, 1815
  - Tribe PYROTINI MacSwain, 1956
- Subfamily TETRAONYCINAE Böving and Craighead, 1931**
- Subfamily NEMOGNATHINAE Laporte, 1840**
  - Tribe HORIINI Latreille, 1802
  - Tribe NEMOGNATHINI Laporte, 1840
    - Subtribe NEMOGNATHINA Laporte, 1840
    - Subtribe ZONITIDINA Mulsant, 1857
    - Subtribe SITARINA Mulsant, 1857
  - Tribe STENODERINI Selander, 1991
- Family MYCTERIDAE Oken, 1843**
  - Subfamily MYCTERINAE Oken, 1843**
  - Subfamily EURYPINAE Thomson, 1860**
  - Subfamily HEMIPEPLINAE Lacordaire, 1854**
- Family BORIDAE Thomson, 1859**
  - Subfamily BORINAE Thomson, 1859**
  - Subfamily SYNERCTICINAE Lawrence and Pollock, 1994**
- Family TRICTENOTOMIDAE Blanchard, 1845**
- Family PYTHIDAE Solier, 1834**
- Family PYROCHROIDAE Latreille, 1806**
  - Subfamily TYDESSINAE Nikitsky, 1986**
  - Subfamily PILIPALPINAE Abdullah, 1964**
  - Subfamily PEDILINAE Lacordaire, 1859**
  - Subfamily PYROCHROINAE Latreille, 1806**
  - Subfamily AGNATHINAE Lacordaire, 1859**
- Family SALPINGIDAE Leach, 1815**
  - Subfamily OTHNIINAE LeConte, 1861**
  - Subfamily PROSTOMINIINAE Grouvelle, 1914**
  - Subfamily AGLENINAE Horn, 1878**



**Subfamily INOPEPLINAE Grouvelle, 1908**

**Subfamily DACODERINAE LeConte, 1862**

**Subfamily AEGIALITINAE LeConte, 1862**

**Subfamily SALPINGINAE Leach, 1815**

**Family ANTHICIDAE Latreille, 1819**

**Subfamily EURYGENIINAE LeConte, 1862**

Tribe EURYGENIINI LeConte, 1862

Tribe ICTISTYGNINI Borchmann, 1936

Tribe MITRAELABRINI Abdullah, 1969

**Subfamily MACRATRIINAE LeConte, 1862**

Tribe MACRATRIINI LeConte, 1862

†Tribe CAMELOMORPHINI Kirejtshuk and Azar, 2008

**Subfamily STEROPINAE Jacquelin du Val, 1863**

**Subfamily COPOBAENINAE Abdullah, 1969**

**Subfamily LEMODINAE Lawrence and Britton, 1991**

**Subfamily TOMODERINAE Bonadona, 1961**

**Subfamily ANTHICINAE Latreille, 1819**

Tribe ANTHICINI Latreille, 1819

Tribe ENDOMIINI Kaszab, 1956

Tribe FORMICOMINI Bonadona, 1974

Tribe MICROHORIINI Bonadona, 1974

**Subfamily NOTOXINAE Stephens, 1829**

**Family ADERIDAE Csiki, 1909**

Tribe ADERINI Csiki, 1909

Subtribe ADERINA Csiki, 1909

Subtribe CNOPINA Báguena Corella, 1948

Subtribe GOMPELIINA Bouchard, 2011

Subtribe SYZETONININA Báguena Corella, 1948

Tribe EMELININI Báguena Corella, 1948

Tribe EUGLENESINI Seidlitz, 1875

Subtribe EUGLENESINA Seidlitz, 1875

Subtribe PSEUDOLOTELINA Báguena Corella, 1948

Tribe PHYTOBAENINI Báguena Corella, 1948

**Family SCRAPTIIDAE Gistel, 1848**

**Subfamily SCRAPTIINAE Gistel, 1848**

Tribe ALLOPODINI Franciscolo, 1964

Tribe SCRAPTIINI Gistel, 1848

**Subfamily ANASPIDINAE Mulsant, 1856**

Tribe ANASPIDINI Mulsant, 1856

Tribe ANASPIDIMORDINI Franciscolo, 1954

Tribe MENUTHIANASPIDINI Franciscolo, 1972

Tribe PENTARIINI Franciscolo, 1954

**Subfamily LAGRIOIDINAE Abdullah and Abdullah, 1968**

**Subfamily AFREMINAE Levey, 1985**

**Subfamily ISCHALIINAE Blair, 1920**

**Superfamily CHRYSOMELOIDEA Latreille, 1802**

**Family OXYPELTIDAE Lacordaire, 1868**

**Family VESPERIDAE Mulsant, 1839**

**Subfamily PHILINAE Thomson, 1861**

**Subfamily VESPERINAE Mulsant, 1839**

**Subfamily ANOPLODERMATINAE Guérin-Ménéville, 1840**

Tribe ANOPLODERMATINI Guérin-Ménéville, 1840

Tribe HYPOCEPHALINI Blanchard, 1845

Tribe MYSTERIINI Prosen, 1960

**Family DISTENIIDAE Thomson, 1861**

Tribe CYRTONOPINI Gressitt, 1940

Tribe DISTENIINI Thomson, 1861

Tribe DYNAMOSTINI Lacordaire, 1868

Tribe HETEROPALPINI Villiers, 1961

**Family CERAMBYCIDAE Latreille, 1802**

**Subfamily PARANDRINAE Blanchard, 1845**

Tribe ERICHSONIINI Thomson, 1861

Tribe PARANDRINI Blanchard, 1845

**Subfamily PRIONINAE Latreille, 1802**

Tribe ACANTHOPHORINI Thomson, 1864

Tribe AEGOSOMATINI Thomson, 1861

Tribe ANACOLINI Thomson, 1857

Tribe CACOSCELINI Thomson, 1861

Tribe CALLIPOGONINI Thomson, 1861

Tribe CALOCOMINI Galileo and Martins, 1993

Tribe CANTHAROCNEMINI Thomson, 1861

Tribe ERGATINI Fairmaire, 1864

Tribe EURYPODINI Gahan, 1906 (1868)

Tribe HOPLIDERINI Thomson, 1864

Tribe MACRODONTIINI Thomson, 1861

Tribe MACROTOMINI Thomson, 1861

Subtribe ARCHETYPINA Lameere, 1912

Subtribe BASITOXINA Lameere, 1912

Subtribe MACROTOMINA Thomson, 1861

Subtribe PLATYGNATHINA Gilmour, 1954

Subtribe XIXUTHRINA Lameere, 1912

Tribe MALLASPINI Thomson, 1861

Tribe MALLODONINI Thomson, 1861

Tribe MEROSCELISINI Thomson, 1861

Tribe PRIONINI Latreille, 1802

Tribe REMPHANINI Lacordaire, 1868

Tribe SOLENOPTERINI Lacordaire, 1868

Tribe TERETICINI Lameere, 1913

Tribe VESPEROCTENINI Vives, 2005

**Subfamily LEPTURINAE Latreille, 1802**

Tribe DESMOCERINI Blanchard, 1845

Tribe ENCYCLOPINI LeConte, 1873

Tribe LEPTURINI Latreille, 1802

Tribe OXYMIRINI Danilevsky, 1997

Tribe RHAGIINI Kirby, 1837

Tribe RHAMNUSIINI Sama, 2009

Tribe TELEDAPINI Pascoe, 1871

Tribe SACHALINOBIINI Danilevsky, 2010

Tribe XYLOSTEINI Reitter, 1913

**Subfamily SPONDYLIDINAE Audinet-Serville, 1832**

Tribe ANISARTHRIINI Mamaev and Danilevsky, 1973

Tribe ASEMINI Thomson, 1861

Tribe ATIMIINI LeConte, 1873

Tribe SAPHANINI Gistel, 1848

Tribe SPONDYLIDINI Audinet-Serville, 1832

**Subfamily NECYDALINAE Latreille, 1825**

**Subfamily DORCASOMINAE Lacordaire, 1868**

**Subfamily APATOPHYSEINAE Lacordaire, 1869**

**Subfamily CERAMBYCINAE Latreille, 1802**

Tribe ACANGASSUINI Galileo and Martins, 2001

Tribe ACHRYSONINI Lacordaire, 1868

Tribe AGALLISSINI LeConte, 1873

Tribe ALANIZINI Di Iorio, 2003

Tribe ANAGLYPTINI Lacordaire, 1868 *nomen protectum*

Tribe APHANASIINI Lacordaire, 1868

Tribe APHNEOPINI Lacordaire, 1868

Tribe AUXESINI Lapesme and Breuning, 1952

Tribe BASIPTERINI Fragoso, Monné and Campos Seabra, 1987

Tribe BIMIINI Lacordaire, 1868

Tribe BOTHRIOSPIIINI Lane, 1950

Tribe BRACHYPTEROMATINI Sama, 2008

Tribe CALLICHROMATINI Swainson, 1840

Tribe CALLIDIINI Kirby, 1837

Tribe CALLIDIOPINI Lacordaire, 1868

Tribe CERAMBYCINI Latreille, 1802

Subtribe CERAMBYCINA Latreille, 1802

Subtribe SPHALLOTRICHINA Martins and Monné, 2005

Tribe CERTALLINI Fairmaire, 1864

- Tribe CHLIDONINI Waterhouse, 1879
- Tribe CLEOMENINI Lacordaire, 1868
- Tribe CLYTINI Mulsant, 1839
- Tribe COMPSOCERINI Thomson, 1864
- Tribe COPTOMMATINI Lacordaire, 1869
- Tribe CURIINI LeConte, 1873
- Tribe DEILINI Fairmaire, 1864
- Tribe DEJANIRINI Lacordaire, 1868
- Tribe DIORINI Lane, 1950
- Tribe DISTICHOCERINI Pascoe, 1867
- Tribe DODECOSINI Aurivillius, 1912
- Tribe DRYOBIINI Arnett, 1962 *nomen protectum*
- Tribe EBURIINI Blanchard, 1845
- Tribe ECTENESSINI Martins, 1998
- Tribe ELAPHIDIINI Thomson, 1864
- Tribe ELIGMODERMINI Lacordaire, 1868
- Tribe ERLANDIINI Aurivillius, 1912
- Tribe EROSCHEMINI Lacordaire, 1868
- Tribe EUMICHTHINI Linsley, 1940
- Tribe GAHANIINI Quentin and Villiers, 1969
- Tribe GLAUCYTINI Lacordaire, 1868
- Tribe GRACILIINI Mulsant, 1839
- Tribe HESPEROPHANINI Mulsant, 1839
  - Subtribe DARAMINA Sama, 2008
  - Subtribe HESPEROPHANINA Mulsant, 1839
- Tribe HESTHESINI Pascoe, 1867
- Tribe HETEROPSINI Lacordaire, 1868 *nomen protectum*
- Tribe HEXOPLINI Martins, 2006
- Tribe HOLOPLEURINI Chemsak and Linsley, 1974
- Tribe HOLOPTERINI Lacordaire, 1868
- Tribe HYBODERINI Linsley, 1940
- Tribe HYLOTRUPINI Zagajkevich, 1991
- Tribe IBIDIONINI Thomson, 1861
  - Subtribe COMPSINA Martins and Galileo, 2007
  - Subtribe IBIDIONINA Thomson, 1861
  - Subtribe TROPIDINA Martins and Galileo, 2007
- Tribe IDERATINI Martins and Napp, 2009
- Tribe LISSONOTINI Swainson, 1840
- Tribe LUSCOSMODICINI Martins, 2003
- Tribe LYGRINI Sama, 2008
- Tribe MACRONINI Lacordaire, 1868
- Tribe MEGACOELINI Quentin and Villiers, 1969
- Tribe METHIINI Thomson, 1860



- Tribe MOLORCHINI Gistel, 1848
- Tribe MYTHODINI Lacordaire, 1868
- Tribe NECYDALOPSINI Lacordaire, 1868
- Tribe NEOCORINI Martins, 2005
- Tribe NEOSTENINI Lacordaire, 1868
- Tribe OBRIINI Mulsant, 1839
- Tribe OCHYRINI Pascoe, 1871
- Tribe OEDENODERINI Aurivillius, 1912
- Tribe OEMINI Lacordaire, 1868
  - Subtribe METHIOIDINA Martins, 1997
  - Subtribe OEMINA Lacordaire, 1868
- Tribe OPSIMINI LeConte, 1873
- Tribe OXYCOLEINI Martins and Galileo, 2003
- Tribe PARAHOLOPTERINI Martins, 1997
- Tribe PHALOTINI Lacordaire, 1868
- Tribe PHLYCTAENODINI Lacordaire, 1868
- Tribe PHORACANTHINI Newman, 1840
- Tribe PHYLLARTHRIINI Lepesme and Breuning, 1956
- Tribe PIESARTHRIINI McKeown, 1947
- Tribe PIEZOCERINI Lacordaire, 1868
  - Subtribe HARUSPICINA Martins, 1976
  - Subtribe PIEZOCERINA Lacordaire, 1868
- Tribe PLATYARTHRIINI Bates, 1870
- Tribe PLECTOGASTERINI Quentin and Villiers, 1969
- Tribe PLECTROMERINI Nearn and Braham, 2008
- Tribe PLEIARTHROCERINI Lane, 1950
- Tribe PROTAXINI Gahan, 1906
- Tribe PROTHEMINI Lacordaire, 1868
- Tribe PSEBIINI Lacordaire, 1868
- Tribe PSEUDOCEPHALINI Aurivillius, 1912 (1861)
- Tribe PSEUDOLEPTURINI Thomson, 1861
- Tribe PSILOMORPHINI Lacordaire, 1868
- Tribe PTEROPLATINI Thomson, 1861
- Tribe PYRESTINI Lacordaire, 1868
- Tribe RHAGIOMORPHINI Newman, 1841
- Tribe RHINOTRAGINI Thomson, 1861
- Tribe RHOPALOPHORINI Blanchard, 1845
- Tribe ROSALIINI Fairmaire, 1864
- Tribe SESTYRINI Lacordaire, 1868
- Tribe SMODICINI Lacordaire, 1868
- Tribe SPINTHERIINI Lacordaire, 1869
- Tribe STENHOMALINI Miroshnikov, 1989
- Tribe STENODERINI Pascoe, 1867

- Tribe STENOPTERINI Gistel, 1848
- Tribe STRONGYLURINI Lacordaire, 1868
- Tribe TESSAROMMATINI Lacordaire, 1868
- Tribe THRANIINI Gahan, 1906
- Tribe THYRSIINI Marinoni and Napp, 1984
- Tribe TILLOMORPHINI Lacordaire, 1868
- Tribe TORNEUTINI Thomson, 1861
- Tribe TRACHYDERINI Dupont, 1836
  - Subtribe ANCYLOCERINA Thomson, 1864
  - Subtribe TRACHYDERINA Dupont, 1836
- Tribe TRAGOCERINI Pascoe, 1867
- Tribe TRICHOMESIINI Aurivillius, 1912
- Tribe TROPOCALYMMATINI Lacordaire, 1868
- Tribe TYPHOCESINI Lacordaire, 1868
- Tribe UNXIINI Napp, 2007
- Tribe URACANTHINI Blanchard, 1853
- Tribe VESPERELLINI Sama, 2008
- Tribe XYSTROCERINI Blanchard, 1845

**Subfamily LAMIINAE Latreille, 1825**

- Tribe ACANTHOCININI Blanchard, 1845
- Tribe ACANTHODERINI Thomson, 1860
- Tribe ACMOCERINI Thomson, 1864
- Tribe ACRIDOCEPHALINI Dillon and Dillon, 1959
- Tribe ACROCININI Swainson, 1840
- Tribe ADERPASINI Breuning and Teocchi, 1978
- Tribe AERENICINI Lacordaire, 1872
- Tribe AGAPANTHIINI Mulsant, 1839
- Tribe AMPHOECINI Breuning, 1951
- Tribe ANCITINI Aurivillius, 1917
- Tribe ANCYLONOTINI Lacordaire, 1869
- Tribe ANISOCERINI Thomson, 1860
- Tribe APOMECCYNINI Thomson, 1860
- Tribe ASTATHINI Thomson, 1864
- Tribe BATOCERINI Thomson, 1864
- Tribe CALLIINI Thomson, 1864
- Tribe CEROPLESINI Thomson, 1860
  - Subtribe CEROPLESINA Thomson, 1860
  - Subtribe CROSSOTINA Thomson, 1864
- Tribe CLONIOCERINI Lacordaire, 1872
- Tribe COLOBOTHEINI Thomson, 1860
- Tribe COMPOSOMATINI Thomson, 1857
- Tribe CYRTININI Thomson, 1864
- Tribe DESMIPHORINI Thomson, 1860

- Tribe DORCADIONINI Swainson, 1840  
Tribe DORCASHEMATINI Thomson, 1860  
Tribe ELYTRACANTHININI Bousquet, 2009  
Tribe ENICODINI Thomson, 1864  
Tribe EUPROMERINI Galileo and Martins, 1995  
Tribe FORSTERIINI Tippmann, 1960  
Tribe GNOMINI Thomson, 1860  
Tribe GYARITINI Breuning, 1950  
Tribe HELIOLINI Breuning, 1951  
Tribe HEMILOPHINI Thomson, 1868 *nomen protectum*  
Tribe HOMONOEINI Thomson, 1864  
Tribe HYBORHABDINI Aurivillius, 1911  
Tribe LAMIINI Latreille, 1825  
Tribe LATICRANIINI Lane, 1959  
Tribe MAUESIINI Lane, 1956  
Tribe MEGABASINI Thomson, 1860  
Tribe MESOSINI Mulsant, 1839  
Tribe MICROCYMATURINI Breuning and Teocchi, 1985  
Tribe MONEILEMINI Thomson, 1864  
Tribe MONOCHAMINI Gistel, 1848  
Tribe MORIMONELLINI Lobanov, Danilevsky and Murzin, 1981  
Tribe MORIMOPSINI Lacordaire, 1869  
Tribe NYCTIMENIINI Gressitt, 1951  
Tribe OBEREINI Thomson, 1864  
Tribe OCULARIINI Breuning, 1950  
Tribe ONCIDERINI Thomson, 1860  
Tribe ONCIDEROPSIDINI Aurivillius, 1922  
Tribe ONOCEPHALINI Thomson, 1860  
Tribe ONYCHOGLENEINI Aurivillius, 1923  
Tribe PARMENINI Mulsant, 1839  
Tribe PETROGNATHINI Blanchard, 1845  
Tribe PHACELLINI Lacordaire, 1872  
Tribe PHANTASINI Kolbe, 1897  
Tribe PHRYNETINI Thomson, 1864  
Tribe PHYMASTERNINI Teocchi, 1989  
Tribe PHYTOECIINI Mulsant, 1839  
Tribe POGONOCHERINI Mulsant, 1839  
Tribe POLYRHAPHIDINI Thomson, 1860  
Tribe PRETILIINI Martins and Galileo, 1990  
Tribe PROCTOCERINI Aurivillius, 1922  
Tribe PROSOPOCERINI Thomson, 1864  
Tribe PTEROPLIINI Thomson, 1860  
Tribe RHODOPININI Gressitt, 1951

- Tribe SAPERDINI Mulsant, 1839
- Tribe STENOBIINI Breuning, 1950
- Tribe STERNOTOMINI Thomson, 1860
- Tribe TAPEININI Thomson, 1857
- Tribe TETRAOPINI Thomson, 1860
- Tribe TETRAULAXINI Breuning and Teocchi, 1977
- Tribe TETROPINI Portevin, 1927
- Tribe THEOCRINI Lacordaire, 1872
- Tribe TMESISTERNINI Blanchard, 1853
- Tribe TRAGOCEPHALINI Thomson, 1857
- Tribe XENICOTELINI Matsushita, 1933
- Tribe XENOFREINI Aurivillius, 1923
- Tribe XENOLEINI Lacordaire, 1872
- Tribe XYLORHIZINI Lacordaire, 1872
- Tribe ZYGOCERINI Thomson, 1864
- Family MEGALOPODIDAE Latreille, 1802**
  - Subfamily MEGALOPODINAE Latreille, 1802**
  - Subfamily PALOPHAGINAE Kuschel and May, 1990**
  - Subfamily ZEUGOPHORINAE Böving and Craighead, 1931**
- Family ORSODACNIDAE Thomson, 1859**
  - Subfamily ORSODACNINAE Thomson, 1859**
  - Subfamily AULACOSCELIDINAE Chapuis, 1874**
- Family CHRYSOMELIDAE Latreille, 1802**
  - Subfamily SAGRINAE Leach, 1815**
    - Tribe CARPOPHAGINI Chapuis, 1874
    - Tribe DIAPHANOPSIDINI Monrós, 1958
    - Tribe MEGAMERINI Chapuis, 1874
    - Tribe SAGRINI Leach, 1815
  - Subfamily BRUCHINAE Latreille, 1802**
    - Tribe AMBLYCERINI Bridwell, 1932
      - Subtribe AMBLYCERINA Bridwell, 1932
      - Subtribe SPERMOPHAGINA Borowiec, 1987
    - Tribe BRUCHINI Latreille, 1802
      - Subtribe ACANTHOSCELIDINA Bridwell, 1946
      - Subtribe BRUCHINA Latreille, 1802
      - Subtribe MEGACERINA Bridwell, 1946
    - Tribe EUBAPTINI Bridwell, 1932
    - Tribe KYTORHININI Bridwell, 1932
    - Tribe PACHYMERINI Bridwell, 1929
      - Subtribe CARYEDONTINA Bridwell, 1929
      - Subtribe CARYOPEMINA Bridwell, 1929
      - Subtribe PACHYMERINA Bridwell, 1929
    - Tribe RHAEBINI Blanchard, 1845



**Subfamily DONACIINAE Kirby, 1837**

Tribe DONACIINI Kirby, 1837

Tribe HAEMONIINI Chen, 1941

Tribe PLATEUMARINI Böving, 1922

**Subfamily CRIOCERINAE Latreille, 1804**

Tribe CRIOCERINI Latreille, 1804

Tribe LEMINI Gyllenhal, 1813

Tribe PSEUDOCRIOCERINI Heinze, 1962

**Subfamily CASSIDINAE Gyllenhal, 1813**

Tribe ALURNINI Chapuis, 1875

Tribe ANISODERINI Chapuis, 1875

Tribe APROIDINI Weise, 1911

Tribe ARESCINI Chapuis, 1875

Tribe ASPIDIMORPHINI Chapuis, 1875

Tribe BASIPRIONOTINI Gressitt, 1952 (1929)

Tribe BOTRYONOPINI Chapuis, 1875

Tribe CALLISPINI Chapuis, 1875

Tribe CALLOHISPINI Uhmman, 1960

Tribe CASSIDINI Gyllenhal, 1813

Tribe CEPHALOLEIINI Chapuis, 1875

Tribe CHALEPINI Weise, 1910

Tribe COELAENOMENODERINI Weise, 1911

Tribe CRYPTONYCHINI Chapuis, 1875

Tribe DELOCraniINI Spaeth, 1929

Tribe DORYNOTINI Monrós and Viana, 1949 (1923)

Tribe EUGENYSINI Hincks, 1952

Tribe EURISPINI Chapuis, 1875

Tribe EXOTHISPINI Weise, 1911

Tribe GONIOCHENIINI Spaeth, 1942

Tribe GONOPHORINI Chapuis, 1875

Tribe HEMISPHAEROTINI Monrós and Viana, 1951 (1929)

Tribe HISPINI Gyllenhal, 1813

Tribe HISPOLEPTINI Chapuis, 1875

Tribe HYBOSISPINI Weise, 1910

Tribe IMATIDIINI Hope, 1840

Tribe ISCHYROSONYCHINI Chapuis, 1875

Tribe LEPTISPINI Fairmaire, 1868

Tribe MESOMPHALIINI Hope, 1840

Tribe NOTHOSACANTHINI Gressitt, 1952 (1929)

Tribe OEDIOPALPINI Monrós and Viana, 1947 (1910)

Tribe OMOCERINI Hincks, 1952 (1923)

Tribe ONCOCEPHALINI Chapuis, 1875

Tribe PROMECOTHECINI Chapuis, 1875

- Tribe PROSOPODONTINI Weise, 1910
- Tribe SCELOENOPLINI Uhmann, 1930
- Tribe SPILOPHORINI Chapuis, 1875
- Tribe UROPLATINI Weise, 1910
- Subfamily CHRYSOMELINAE Latreille, 1802**
  - Tribe CHRYSOMELINI Latreille, 1802
  - Tribe TIMARCHINI Motschulsky, 1860
- Subfamily GALERUCINAE Latreille, 1802**
  - Tribe ALTICINI Newman, 1834
  - Tribe DECARTHROCERINI Laboissière, 1937
  - Tribe GALERUCINI Latreille, 1802
  - Tribe HYLASPINI Chapuis, 1875
  - Tribe LUPERINI Gistel, 1848
  - Tribe METACYCLINI Chapuis, 1875
  - Tribe OIDINI Laboissière, 1921 (1875)
- Subfamily LAMPROSOMATINAE Lacordaire, 1848**
  - Tribe LAMPROSOMATINI Lacordaire, 1848
  - Tribe NEOCHLAMYSINI Monrós, 1959
  - Tribe SPHAEROCHARINI Chapuis, 1874
- Subfamily CRYPTOCEPHALINAE Gyllenhal, 1813**
  - Tribe CLYTRINI Kirby, 1837
  - Tribe CRYPTOCEPHALINI Gyllenhal, 1813
    - Subtribe ACHAENOPINA Chapuis, 1874
    - Subtribe CRYPTOCEPHALINA Gyllenhal, 1813
    - Subtribe MONACHULINA Leng, 1920
    - Subtribe PACHYBRACHINA Chapuis, 1874
    - Subtribe STYLOSOMINA Chapuis, 1874
  - Tribe FULCIDACINI Jakobson, 1924
- Subfamily EUMOLPINAE Hope, 1840**
  - Tribe BROMIINI Baly, 1865 (1863)
  - Tribe CARYONODINI Bechyné, 1951
  - Tribe CUBISPINI Monrós, 1954
  - Tribe EUMOLPINI Hope, 1840
  - Tribe EURYOPINI Chapuis, 1874
  - Tribe HABROPHORINI Bechyné and Špringlová de Bechyné, 1969
  - Tribe HEMYDACNINI Bechyné, 1951
  - Tribe MEGASCELIDINI Chapuis, 1874
  - Tribe MERODINI Chapuis, 1874
  - Tribe PYGOMOLPINI Bechyné, 1949
  - Tribe ROSIROIINI Bechyné, 1950
  - Tribe TYPOPHORINI Baly, 1865
- Subfamily SPILOPYRINAE Chapuis, 1874**
- Subfamily SYNETINAE LeConte and Horn, 1883**

†**Subfamily PROTOSCELIDINAE Medvedev, 1968**

**Superfamily CURCULIONOIDEA Latreille, 1802**

**Family NEMONYCHIDAE Bedel, 1882**

**Subfamily NEMONYCHINAE Bedel, 1882**

**Subfamily CIMBERIDINAE Gozis, 1882**

Tribe CIMBERIDINI Gozis, 1882

Tribe DOYDIRHYNCHINI Pierce, 1916

†Tribe KUSCHELOMACRINI Riedel, 2010

**Subfamily RHINORHYNCHINAE Voss, 1922**

Tribe MECOMACERINI Kuschel, 1994

Subtribe BRARINA Legalov, 2009

Subtribe MECOMACERINA Kuschel, 1994

Tribe RHINORHYNCHINI Voss, 1922

†**Subfamily SLONIKINAE Zherikhin, 1977**

†Tribe SLONIKINI Zherikhin, 1977

†Tribe ULYANISCINI Legalov, 2009

†**Subfamily ECCOPTARTHINAE Arnoldi, 1977**

†**Subfamily BRENTHORRHININAE Arnoldi, 1977**

†Tribe BRENTHORRHININI Arnoldi, 1977

†Tribe BRENTHORRHINOIDINI Legalov, 2003

†**Subfamily DISTENORRHININAE Arnoldi, 1977**

†**Subfamily EOBELINAE Arnoldi, 1977**

†Tribe EOBELINI Arnoldi, 1977

†Subtribe EOBELINA Arnoldi, 1977

†Subtribe PROCURCULIONINA Arnoldi, 1977

†Tribe KARATAUCARINI Legalov, 2009

†Tribe NANOPHYDINI Arnoldi, 1977

†Tribe OXYCORYNOIDINI Arnoldi, 1977

†Tribe PROBELINI Legalov, 2009

†**Subfamily PALEOCARTINAE Legalov, 2003**

†Tribe NEBRENTHORRHININI Legalov, 2007

†Tribe PALEOCARTINI Legalov, 2003

†**Subfamily METRIOXENOIDINAE Legalov, 2009**

†**Subfamily CRETONEMONYCHINAE Gratshev and Legalov, 2009**

†**Subfamily SELENGARHYNCHINAE Gratshev and Legalov, 2009**

**Family ANTHRIBIDAE Billberg, 1820**

**Subfamily ANTHRIBINAE Billberg, 1820**

Tribe ANTHRIBINI Billberg, 1820

Tribe BASITROPINI Lacordaire, 1865

Tribe CORRHECERINI Lacordaire, 1865

Tribe CRATOPARINI LeConte, 1876

†Tribe CRETANTHRIBINI Legalov, 2009

Tribe DECATAPHANINI Lacordaire, 1865  
 Tribe DISCOTENINI Lacordaire, 1865  
 Tribe ECELONERINI Lacordaire, 1865  
 Tribe ISCHNOCERINI Lacordaire, 1865  
 Tribe GYMNOGNATHINI Valentine, 1960  
 Tribe JORDANTHRIBINI Morimoto, 1980  
 Tribe MAUIINI Valentine, 1990  
 Tribe MECOCERINI Lacordaire, 1865  
 Tribe MYCTEINI Morimoto, 1972  
 Tribe OZOTOMERINI Morimoto, 1972  
 Tribe PIESOCORYNINI Valentine, 1960  
 Tribe PLATYRHININI Bedel, 1882  
 Tribe PLATYSTOMINI Pierce, 1916  
 Tribe PROSCOPORHININI Lacordaire, 1865  
 Tribe PTYCHODERINI Jekel, 1855  
 Tribe SINTORINI Lacordaire, 1865  
 Tribe STENOCERINI Kolbe, 1895  
 Tribe TOPHODERINI Lacordaire, 1865  
 Tribe TRIGONORHININI Valentine, 1999  
 Tribe TROPIDERINI Lacordaire, 1865  
 Tribe XENOCERINI Lacordaire, 1865  
 Tribe XYLINADINI Lacordaire, 1865  
 Tribe ZYGAENODINI Lacordaire, 1865

**Subfamily CHORAGINAE Kirby, 1819**

Tribe APOLECTINI Lacordaire, 1865  
 Tribe ARAECERINI Lacordaire, 1865  
 Tribe CISANTHRIBINI Zimmerman, 1994  
 Tribe CHORAGINI Kirby, 1819  
 Tribe VALENFRIESIINI Alonso-Zarazaga and Lyal, 1999  
 Tribe XENORCHESTINI Lacordaire, 1865

**Subfamily URODONTINAE Thomson, 1859**

**†Family ULYANIDAE Zherikhin, 1993**

**Family BELIDAE Schönherr, 1826**

**Subfamily BELINAE Schönherr, 1826**

Tribe AGNESIOTIDINI Zimmerman, 1994  
 Tribe BELINI Schönherr, 1826  
     Subtribe BELINA Schönherr, 1826  
     Subtribe HOMALOCERINA Legalov, 2009  
 Tribe PACHYURINI Kuschel, 1959

**Subfamily OXYCORYNINAE Schönherr, 1840**

Tribe AGLYCYDERINI Wollaston, 1864  
 Tribe ALLOXYCORYNINI Legalov, 2009  
 Tribe DISTENORRHINOIDINI Legalov, 2009



- Tribe METRIOXENINI Voss, 1953
  - Subtribe AFROCORYNINA Voss, 1957
  - Subtribe METRIOXENINA Voss, 1953
  - Subtribe ZHERICHINIXENINA Legalov, 2009
- Tribe OXYCORYNINI Schönherr, 1840
  - Subtribe ALLOCORYNINA Sharp, 1890
  - Subtribe OXYCORYNINA Schönherr, 1840
  - Subtribe OXYCRASPEDINA Marvaldi and Oberprieler, 2006
- Family CARIDAE Thompson, 1992**
  - Subfamily CARINAE Thompson, 1992**
  - Subfamily CHILECARINAE Legalov, 2009**
    - Tribe CARODINI Legalov, 2009
    - Tribe CHILECARINI Legalov, 2009
  - †**Subfamily BAISSORHYNCHINAE Zherikhin, 1993**
- Family ATTELABIDAE Billberg, 1820**
  - Subfamily ATTELABINAE Billberg, 1820**
    - Tribe ATTELABINI Billberg, 1820
      - Subtribe ATTELABINA Billberg, 1820
      - Subtribe EUSCELINA Voss, 1925
      - Subtribe EUSCELOPHILINA Voss, 1925
      - Subtribe HENICOLABINA Legalov, 2007
      - Subtribe HIMATOLABINA Legalov, 2003
      - Subtribe HYBOLABINA Voss, 1925
      - Subtribe ISOLABINA Legalov, 2007
      - Subtribe LAGENODERINA Voss, 1925
      - Subtribe LAMPROLABINA Voss, 1925
      - Subtribe METOCALOLABINA Legalov, 2003
      - Subtribe OMOLABINA Legalov, 2003
      - Subtribe PARAMECOLABINA Legalov, 2003
      - Subtribe PHIALODINA Legalov, 2003
      - Subtribe PHYMATOLABINA Voss, 1925
      - Subtribe PHYMATOPHSININA Legalov, 2003
      - Subtribe PLEUROLABINA Legalov, 2003
    - Tribe EUOPINI Voss, 1925
    - Tribe PILOLABINI Voss, 1925
  - Subfamily APODERINAE Jekel, 1860**
    - Tribe APODERINI Jekel, 1860
    - Tribe CLITOSTYLINI Voss, 1929
      - Subtribe ALLAPODERINA Legalov, 2003
      - Subtribe CLITOSTYLINA Voss, 1929
      - Subtribe PSEUDOPHRYSINA Legalov, 2003
    - Tribe HOPLAPODERINI Voss, 1926
      - Subtribe AFROAPODERINA Legalov, 2003

Subtribe HOPLAPODERINA Voss, 1926

Subtribe PARATOMAPODERINA Legalov, 2003

Tribe TRACHELOPHORINI Voss, 1926

**Subfamily RHYNCHITINAE Gistel, 1848**

Tribe AULETINI Desbrochers des Loges, 1908

Subtribe AULETINA Desbrochers des Loges, 1908

Subtribe AULETOBIINA Legalov, 2001

Subtribe GUINEAULETINA Legalov, 2003

Subtribe MANDELSCHTAMIINA Legalov, 2003

Subtribe PSEUDAULETINA Voss, 1933

Subtribe PSEUDOMESAULETINA Legalov, 2003

Tribe AULETORHININI Voss, 1935

Tribe BYCTISCINI Voss, 1923

Subtribe BYCTISCINA Voss, 1923

Subtribe LISTROBYCTISCINA Legalov, 2003

Subtribe SVETLANAEBYCTISCINA Legalov, 2003

Tribe CESAULETINI Legalov, 2003

Tribe DEPORAINI Voss, 1929

Subtribe CHONOSTROPHEINA Morimoto, 1962

Subtribe DEPORAINA Voss, 1929

Tribe MINURINI Legalov, 2003

Tribe RHINOCARTINI Voss, 1931

Tribe RHYNCHITINI Gistel, 1848

Subtribe ACRITORRHYNCHITINA Legalov, 2007

Subtribe ANISOMERININA Legalov, 2003

Subtribe EUGNAMPTINA Voss, 1930

Subtribe LASIORHYNCHITINA Legalov, 2003

Subtribe PERRHYNCHITINA Legalov, 2003

Subtribe RHYNCHITALLINA Legalov, 2003

Subtribe RHYNCHITINA Gistel, 1848

Subtribe TEMNOCERINA Legalov, 2003

**Subfamily ISOTHEINAE Scudder, 1893**

Tribe ISOTHEINI Scudder, 1893

Subtribe DEPASOPHILINA Legalov, 2003

†Subtribe ISOTHEINA Scudder, 1893

†Tribe TOXORHYNCHINI Scudder, 1893

**Subfamily PTEROCOLINAE Lacordaire, 1865**

**Family BRENTIDAE Billberg, 1820**

**Subfamily BRENTINAE Billberg, 1820**

Tribe BRENTINI Billberg, 1820

Subtribe ARRHENODINA Lacordaire, 1865

Subtribe BRENTINA Billberg, 1820

Subtribe EREMOXENINA Semenov, 1892

Tribe CYLADINI Schönherr, 1823

Tribe CYPHAGOGINI Kolbe, 1892

Subtribe ATOPOBRENTINA Damoiseau, 1965

Subtribe CYPHAGOGINA Kolbe, 1892

†Subtribe DOMINIBRENTINA Poinar, 2009

Subtribe HOPLOPISTIINA Senna and Calabresi, 1919

Subtribe STERODERMINA Sharp, 1895

Tribe PHOLIDOCHLAMYDINI Damoiseau, 1962

Tribe TAPHRODERINI Lacordaire, 1865

Tribe TRACHELIZINI Lacordaire, 1865

Subtribe ACRATINA Alonso-Zarazaga, Lyal, Bartolozzi and Sforzi, 1999

Subtribe ITHYSTENINA Lacordaire, 1865

Subtribe MICROTRACHELIZINA Zimmerman, 1994

Subtribe PSEUDOCCEOCEPHALINA Kleine, 1922

Subtribe RHYTICEPHALINA Kleine, 1922

Subtribe TRACHELIZINA Lacordaire, 1865

Subtribe TYCHAEINA Schoenfeldt, 1908

Tribe ULOCERINI Schönherr, 1823

**Subfamily EURHYNCHINAE Lacordaire, 1863**

†Tribe AXELRODIELLINI Legalov, 2009

Tribe EURHYNCHINI Lacordaire, 1863

**Subfamily APIONINAE Schönherr, 1823**

**Supertribe APIONITAE Schönherr, 1823**

Tribe APIONINI Schönherr, 1823

Subtribe APIONINA Schönherr, 1823

Subtribe APLEMONINA Kissinger, 1968

Subtribe ASPIDAPIINA Alonso-Zarazaga, 1990

Subtribe CATAPIINA Alonso-Zarazaga, 1990

Subtribe CERATAPIINA Alonso-Zarazaga, 1990

Subtribe EXAPIINA Alonso-Zarazaga, 1990

Subtribe IXAPIINA Alonso-Zarazaga, 1990

Subtribe KALCAPIINA Alonso-Zarazaga, 1990

Subtribe MALVAPIINA Alonso-Zarazaga, 1990

Subtribe METAPIINA Alonso-Zarazaga, 1990

Subtribe OXYSTOMATINA Alonso-Zarazaga, 1990

Subtribe PIEZOTRACHELINA Voss, 1959

Subtribe PROTOTRICHAPIINA Wanat, 1995

Subtribe SYNAPIINA Alonso-Zarazaga, 1990

Subtribe TRICHAPIINA Alonso-Zarazaga, 1990

Tribe CHILAPIINI Wanat, 2001

Tribe NOTERAPIINI Kissinger, 2004

Tribe PODAPIINI Wanat, 2001

Tribe RHINORHYNCHIDIINI Zimmerman, 1994

- Supertribe ANTILIARHINITAE Schönherr, 1823**  
**Supertribe CYBEBITAE Lacordaire, 1863**  
**Supertribe MECOLENITAE Wanat, 2001**  
**Supertribe MYRMACICELITAE Zimmerman, 1994**  
 Tribe LISPOtheriini Wanat, 2001  
 Tribe MYRMACICELINI Zimmerman, 1994  
**Supertribe RHADINOCYBITAE Alonso-Zarazaga, 1992**  
 Tribe NOTAPIONINI Zimmerman, 1994  
 Tribe RHADINOCYBINI Alonso-Zarazaga, 1992  
**Supertribe TANAITAE Schönherr, 1839**  
**Subfamily ITHYCERINAE Schönherr, 1823**  
**Subfamily MICROCERINAE Lacordaire, 1863**  
**Subfamily NANOPHYINAE Gistel, 1848**  
 Tribe CORIMALIINI Alonso-Zarazaga, 1989  
 Tribe NANOPHYINI Gistel, 1848  
**Family DRYOPHTHORIDAE Schönherr, 1825**  
**Subfamily DRYOPHTHORINAE Schönherr, 1825**  
**Subfamily CRYPTODERMATINAE Bovie, 1908**  
**Subfamily ORTHOGNATHINAE Lacordaire, 1865**  
 Tribe ORTHOGNATHINI Lacordaire, 1865  
 Tribe RHINOSTOMINI LeConte, 1874  
**Subfamily RHYNCHOPHORINAE Schönherr, 1833**  
 Tribe DIOCALANDRINI Zimmerman, 1993  
 Tribe LITOSOMINI Lacordaire, 1865  
 Tribe OMMATOLAMPINI Lacordaire, 1865  
 Tribe POLYTINI Zimmerman, 1993  
 Tribe RHYNCHOPHORINI Schönherr, 1833  
 Tribe SPHENOPHORINI Lacordaire, 1865  
**Subfamily STROMBOSKERINAE Lacordaire, 1865**  
**Family BRACHYCERIDAE Billberg, 1820**  
**Subfamily BRACHYCERINAE Billberg, 1820**  
 Tribe BRACHYCERINI Billberg, 1820  
 Tribe BYRSOPINI Germar, 1829  
**Subfamily CRYPTOLARYNGINAE Schalkwyk, 1966**  
**Subfamily ERIRHININAE Schönherr, 1825**  
 Tribe AONYCHINI Zimmerman, 1993  
 Tribe ARTHROSTENINI Reitter, 1913  
 †Tribe CRETULIINI Legalov, 2009  
 Tribe ERIRHININI Schönherr, 1825  
 Tribe HIMASTHLOPHALLINI Zherikhin, 1991  
 Tribe STENOPELMINI LeConte, 1876  
 Tribe TADIINI Zimmerman, 1993  
 Tribe TANYSPHYRINI Gistel, 1848



**Subfamily OCLADIINAE Lacordaire, 1865**

Tribe DESMIDOPHORINI Morimoto, 1962

Tribe OCLADIINI Lacordaire, 1865

**Subfamily RAYMONDIONYMINAE Reitter, 1913**

Tribe MYRTONYMINI Kuschel, 1990

Tribe RAYMONDIONYMINI Reitter, 1913

**Family CURCULIONIDAE Latreille, 1802****Subfamily CURCULIONINAE Latreille, 1802**

Tribe ACALYPTINI Thomson, 1859

Subtribe ACALYPTINA Thomson, 1859

Subtribe DERELOMINA Lacordaire, 1865

Subtribe NOTOLOMINA Franz, 2006

Subtribe PHYLLOTROGINA Franz, 2006

Subtribe STAMINODEINA Franz, 2006

Tribe ACENTRUSINI Alonso-Zarazaga, 2005

Tribe ANCYLOCNEMIDINI Voss, 1962

Tribe ANTHONOMINI Thomson, 1859

Tribe CAMAROTINI Schönherr, 1833

Subtribe CAMAROTINA Schönherr, 1833

Subtribe PRIONOMERINA Lacordaire, 1863

Tribe CERATOPODINI Lacordaire, 1863

Tribe CIONINI Schönherr, 1825

Tribe CRANOPOEINI Kuschel, 2009

Tribe CRYPTOPLINI Lacordaire, 1863

Tribe CURCULIONINI Latreille, 1802

Subtribe CURCULIONINA Latreille, 1802

Subtribe PSEUDOBALANININA Heller, 1925

Subtribe TIMOLINA Heller, 1925

Tribe DIABATHRARIINI Lacordaire, 1863

Tribe ELLESCINI Thomson, 1859

Subtribe DORYTOMINA Bedel, 1886

Subtribe ELLESCINA Thomson, 1859

Tribe ERODISCINI Lacordaire, 1863

Tribe EUGNOMINI Lacordaire, 1863

Subtribe EUGNOMINA Lacordaire, 1863

Subtribe MERIPHINA Marshall, 1937

Tribe GONIPTERINI Lacordaire, 1863

Tribe MECININI Gistel, 1848

Tribe NERTHOPINI Lacordaire, 1865

Tribe OTIDOCEPHALINI Lacordaire, 1863

Tribe PIAZORHININI Lacordaire, 1863

Tribe PRIONOBRACHIINI Hustache, 1938

Tribe PYROPINI Lacordaire, 1865

- Tribe RHAMPHINI Rafinesque, 1815
  - Subtribe DINORHOPALINA Voss, 1936
  - Subtribe IXALMINA Voss, 1936
  - Subtribe RHAMPHINA Rafinesque, 1815
  - Subtribe TACHYGONINA Lacordaire, 1865
- Tribe SMICRONYCHINI Seidlitz, 1891 *nomen protectum*
- Tribe SPHAERIOPOEINI Kuschel, 2003
- Tribe STOREINI Lacordaire, 1863
- Tribe STYPHLINI Jekel, 1861
- Tribe TYCHIINI Gistel, 1848
  - Subtribe DEMIMAEINA Voss, 1937
  - Subtribe LIGNYODINA Bedel, 1883
  - Subtribe OCHYROMERINA Voss, 1935
  - Subtribe TYCHIINA Gistel, 1848
- Tribe ULOMASCINI Lacordaire, 1865
- Tribe VITICIINI Morimoto, 1983
- Subfamily BAGOINAE Thomson, 1859 *nomen protectum***
- Subfamily BARIDINAE Schönherr, 1836**
  - Tribe AMBATINI Lacordaire, 1863
  - Tribe ANOPSILINI Bondar, 1942
  - Tribe APOSTASIMERINI Schönherr, 1844
    - Subtribe APOSTASIMERINA Schönherr, 1844
    - Subtribe MADOPTERINA Lacordaire, 1865
    - Subtribe THALIABARIDINA Bondar, 1943
    - Subtribe TORCINA Bondar, 1943
    - Subtribe ZYGOBARIDINA Pierce, 1907
  - Tribe BARIDINI Schönherr, 1836
    - Subtribe BARIDINA Schönherr, 1836
    - Subtribe COELONERTINA Casey, 1922
    - Subtribe COLEOMERINA Casey, 1922
    - Subtribe DIORYMERINA Jekel, 1865
    - Subtribe EURHININA Lacordaire, 1865
  - Tribe MADARINI Jekel, 1865
    - Subtribe BARYMERINA Lacordaire, 1865
    - Subtribe EUTOXINA Champion, 1908
    - Subtribe LEPTOSCHOININA Lacordaire, 1865
    - Subtribe MADARINA Jekel, 1865
    - Subtribe TONESIINA Alonso-Zarazaga and Lyal, 1999
  - Tribe NEOSHARPIINI Hoffmann, 1956
  - Tribe NERTININI Voss, 1954
  - Tribe OPTATINI Champion, 1907
  - Tribe PANTOTELINI Lacordaire, 1865
    - Subtribe CYRIONYCHINA Casey, 1922

Subtribe PANTOTELINA Lacordaire, 1865

Tribe PERIDINETINI Lacordaire, 1865

**Subfamily CEUTORHYNCHINAE Gistel, 1848**

Tribe CEUTORHYNCHINI Gistel, 1848

Tribe CNEMOGONINI Colonnelli, 1979

Tribe EGRINI Pajni and Kohli, 1982

Tribe HYPOHYPURINI Colonnelli, 2004

Tribe HYPURINI Schultze, 1902

Tribe LIOXYONYCHINI Colonnelli, 1984

Tribe MECYSMODERINI Wagner, 1938

Tribe MONONYCHINI LeConte, 1876

Tribe PHYTOBIINI Gistel, 1848

Tribe SCLEROPTERINI Schultze, 1902

**Subfamily CONODERINAE Schönherr, 1833**

Tribe ARACHNOPODINI Lacordaire, 1865

Tribe CAMPYLOSCELINI Schönherr, 1845

Subtribe CAMPYLOSCELINA Schönherr, 1845

Subtribe CORYNEMERINA Hustache, 1929

Subtribe PHAENOMERINA Faust, 1898

Tribe CONODERINI Schönherr, 1833

Tribe CORYSSOMERINI Thomson, 1859

Tribe CORYSSOPODINI Lacordaire, 1865

Tribe LECHRIOPINI Lacordaire, 1865

Tribe LOBOTRACHELINI Lacordaire, 1865

Tribe MECOPINI Lacordaire, 1865

Tribe MENEMACHINI Lacordaire, 1865

Tribe OTHIPPIINI Morimoto, 1962

Tribe PELOROPODINI Hustache, 1932

Tribe PIAZURINI Lacordaire, 1865

Tribe SPHADASMINI Lacordaire, 1865

Tribe TRICHODOCERINI Champion, 1906

Tribe ZYGOPINI Lacordaire, 1865

**Subfamily COSSONINAE Schönherr, 1825**

Tribe ACAMPTINI LeConte, 1876

Tribe ACANTHINOMERINI Voss, 1972

Tribe ALLOMORPHINI Folwaczny, 1973

Tribe APHYLLURINI Voss, 1955

Tribe ARAUCARIINI Kuschel, 1966

Tribe CHOERORHININI Folwaczny, 1973

Tribe COSSONINI Schönherr, 1825

Tribe CRYPTOMMATINI Voss, 1972

Tribe DRYOTRIBINI LeConte, 1876

Tribe MICROXYLOBIINI Voss, 1972

Tribe NESIOBIINI Alonso-Zarazaga and Lyal, 1999

Tribe NEUMATORINI Folwaczny, 1973

Tribe ONYCHIINI Chapuis, 1869

Tribe ONYCHOLIPINI Wollaston, 1873

Tribe PENTARTHRIINI Lacordaire, 1865

Tribe PROECINI Voss, 1956

Tribe PSEUDAPOTREPINI Champion, 1909

Tribe RHYNCOLINI Gistel, 1848

Subtribe PHLOEOPHAGINA Voss, 1955

Subtribe PSEUDOMIMINA Voss, 1939

Subtribe RHYNCOLINA Gistel, 1848

Tribe TAPIROMIMINI Voss, 1972

### **Subfamily CRYPTORHYNCHINAE Schönherr, 1825**

Tribe AEDEMONINI Faust, 1898

Tribe CAMPTORHININI Lacordaire, 1865

Tribe CRYPTORHYNCHINI Schönherr, 1825

Subtribe CRYPTORHYNCHINA Schönherr, 1825

Subtribe MECISTOSTYLINA Lacordaire, 1865

Subtribe TYLODINA Lacordaire, 1865

Tribe GASTEROCERCINI Zherikhin, 1991

Tribe PSEPHOLACINI Lacordaire, 1865

Tribe SOPHRORHININI Lacordaire, 1865

Tribe TORNEUMATINI Bedel, 1884

### **Subfamily CYCLOMINAE Schönherr, 1826**

Tribe AMYCTERINI Waterhouse, 1854

Tribe ATERPINI Lacordaire, 1863 *nomen protectum*

Subtribe ATERPINA Lacordaire, 1863 *nomen protectum*

Subtribe RHADINOSOMINA Lacordaire, 1863

Tribe CYCLOMINI Schönherr, 1826

Tribe DICHOTRACHELINI Hoffmann, 1957

Tribe HIPPORHININI Lacordaire, 1863

Tribe LISTRODERINI LeConte, 1876

Tribe NOTIOMIMETINI Wollaston, 1873

Tribe RHYTHIRRININI Lacordaire, 1863

### **Subfamily ENTIMINAE Schönherr, 1823**

Tribe AGRAPHINI Horn, 1876

Tribe ALOPHINI LeConte, 1874

Tribe ANOMOPHTHALMINI Morrone, 1998

Tribe ANYPOTACTINI Champion, 1911

Tribe BLOSIRINI Lacordaire, 1863

Tribe BRACHYDERINI Schönherr, 1826

Tribe CELEUTHETINI Lacordaire, 1863

Subtribe CELEUTHETINA Lacordaire, 1863



- Subtribe ISOPTERINA Morimoto and Kojima, 2001
- Tribe CNEORHININI Lacordaire, 1863
- Tribe CRATOPODINI Hustache, 1919
- Tribe CYLYDRORHININI Lacordaire, 1863
- Tribe CYPHICERINI Lacordaire, 1863
  - Subtribe ACANTHOTRACHELINA Marshall, 1944
  - Subtribe CYPHICERINA Lacordaire, 1863
  - Subtribe MYLACORRHININA Reitter, 1913
  - Subtribe MYLLOCERINA Pierce, 1913
  - Subtribe PHYTOSCAPHINA Lacordaire, 1863
- Tribe ECTEMNORHININI Lacordaire, 1863
- Tribe ELYTRURINI Marshall, 1956
- Tribe EMBRITHINI Marshall, 1942
- Tribe ENTIMINI Schönherr, 1823
- Tribe EPISOMINI Lacordaire, 1863
- Tribe EUDIAGOGINI LeConte, 1874
- Tribe EUPHOLINI Günther, 1943
- Tribe EUSTYLINI Lacordaire, 1863
- Tribe GEONEMINI Gistel, 1848
- Tribe HOLCORHININI Desbrochers des Loges, 1898
- Tribe HORMORINI Horn, 1876
- Tribe LAPAROCERINI Lacordaire, 1863
- Tribe LEPTOSTETHINI Lacordaire, 1863
- Tribe LORDOPINI Schönherr, 1823
- Tribe MESOSTYLINI Reitter, 1913
- Tribe MYORHININI Marseul, 1863
- Tribe NASTINI Reitter, 1913
- Tribe NAUPACTINI Gistel, 1848 *nomen protectum*
- Tribe NOTHOGNATHINI Marshall, 1916
- Tribe OMIINI Shuckard, 1839
- Tribe OOSOMINI Lacordaire, 1863
- Tribe OPHRYASTINI Lacordaire, 1863
- Tribe OPHTALMORRHYNCHINI Hoffmann, 1965
- Tribe OTIORHYNCHINI Schönherr, 1826
- Tribe OTTISTIRINI Heller, 1925
- Tribe PACHYRHYNCHINI Schönherr, 1826
- Tribe PERITELINI Lacordaire, 1863
- Tribe PHYLLOBIINI Schönherr, 1826
- Tribe POLYCATINI Marshall, 1956
- Tribe POLYDRUSINI Schönherr, 1823
- Tribe PREMNOTRYPINI Kuschel, 1956
- †Tribe PRISTORHYNCHINI Heer, 1847
- Tribe PRYPNINI Lacordaire, 1863

- Tribe PSALLIDIINI Lacordaire, 1863
- Tribe RHYNCOGONINI Sharp, 1919
- Tribe SCIAPHILINI Sharp, 1891
- Tribe SITONINI Gistel, 1848
- Tribe TANYMECINI Lacordaire, 1863
  - Subtribe PIAZOMIINA Reitter, 1913
  - Subtribe TAINOPHTHALMINA Desbrochers des Loges, 1873
  - Subtribe TANYMECINA Lacordaire, 1863
- Tribe TANYRHYNCHINI Schönherr, 1826
- Tribe THECESTERNINI Lacordaire, 1863
- Tribe TRACHYPHLOEINI Gistel, 1848
  - Subtribe TRACHYPHILINA Voss, 1948
  - Subtribe TRACHYPHLOEINA Gistel, 1848
- Tribe TROPIPHORINI Marseul, 1863
- Tribe TYPHLORHININI Kuschel, 1954
- Subfamily HYPERINAE Marseul, 1863 (1848)**
  - Tribe CEPURINI Capiomont, 1867
  - Tribe HYPERINI Marseul, 1863 (1848)
- Subfamily LIXINAE Schönherr, 1823**
  - Tribe CLEONINI Schönherr, 1826 *nomen protectum*
  - Tribe LIXINI Schönherr, 1823
  - Tribe RHINOCYLLINI Lacordaire, 1863
- Subfamily MESOPTILIINAE Lacordaire, 1863**
  - Tribe CARCILIINI Pierce, 1916
  - Tribe LAEMOSACCINI Lacordaire, 1865
  - Tribe MAGDALIDINI Pascoe, 1870 *nomen protectum*
  - Tribe MESOPTILIINI Lacordaire, 1863
- Subfamily MOLYTINAE Schönherr, 1823**
  - Tribe ANOPLINI Bedel, 1883
  - Tribe AMALACTINI Lacordaire, 1863
  - Tribe AMINYOPINI Voss, 1956
  - Tribe AMORPHOCERINI Voss, 1939
  - Tribe ANCHONINI Imhoff, 1856
  - Tribe BRACHYCEROPSEINI Aurivillius, 1926
  - Tribe CHOLINI Schönherr, 1825
    - Subtribe CHOLINA Schönherr, 1825
    - Subtribe CHOLOMINA Vaurie, 1974
    - Subtribe RHINASTINA Vaurie, 1973
  - Tribe CLEOGONINI Gistel, 1848
  - Tribe CONOTRACHELINI Jekel, 1865
  - Tribe CYCLOTERRINI Lacordaire, 1863
    - Subtribe CYCLOTERRINA Lacordaire, 1863
    - Subtribe THROMBOSTERNINA Voss, 1965

- Tribe DINOMORPHINI Lacordaire, 1863
- Tribe EMPHYASTINI Lacordaire, 1863
- Tribe EUDERINI Lacordaire, 1865
- Tribe GALLOISIINI Morimoto, 1962
- Tribe GUIOPERINI Lacordaire, 1865
- Tribe HYLOBIINI Kirby, 1837
  - Subtribe EPISTROPHINA Marshall, 1932
  - Subtribe HYLOBIINA Kirby, 1837
- Tribe ITHYPORINI Lacordaire, 1865
  - Subtribe COLOBODINA Voss, 1958
  - Subtribe ITHYPORINA Lacordaire, 1865
  - Subtribe SCLEROCARDIINA Lacordaire, 1865
- Tribe ITINI Reitter, 1913
- Tribe JUANORHININI Aurivillius, 1931
- Tribe LEPYRINI Kirby, 1837
- Tribe LITHININI Lacordaire, 1863
  - Subtribe LITHININA Lacordaire, 1863
  - Subtribe RHYTIDOPHLOEINA Voss, 1963
- Tribe LYMANTINI Lacordaire, 1865
- Tribe MECYSOLOBINI Reitter, 1913
- Tribe METATYGINI Pascoe, 1888
- Tribe MOLYTINI Schönherr, 1823
  - Subtribe LEIOSOMATINA Reitter, 1913
  - Subtribe MOLYTINA Schönherr, 1823
  - Subtribe PLINTHINA Lacordaire, 1863
  - Subtribe TYPODERINA Voss, 1965
- Tribe NETTARHININI Lacordaire, 1865
- Tribe PACHOLENINI Lacordaire, 1863
- Tribe PAIPALESOMINI Marshall, 1932
- Tribe PETALOECHILINI Lacordaire, 1863
- Tribe PHOENICOBATINI Champion, 1914
- Tribe PHRYNIXINI Kuschel, 1964
- Tribe PISSODINI Gistel, 1848
  - Subtribe COTASTEROMIMINA Morimoto, 1962
  - Subtribe ORTHORHININA Jekel, 1865
  - Subtribe PISSODINA Gistel, 1848
- Tribe STERNECHINI Lacordaire, 1863
- Tribe STYANACINI Chûjô and Voss, 1960
- Tribe TRACHODINI Gistel, 1848
- Tribe TRIGONOCOLINI Lacordaire, 1863
- Tribe TRYPETIDINI Lacordaire, 1865
- Subfamily OROBITIDINAE Thomson, 1859**
- Subfamily XIPHASPIDINAE Marshall, 1920**

**Subfamily SCOLYTINAE Latreille, 1804**

- Tribe AMPHISCOLYTINI Mandelshtam and Beaver, 2003
- Tribe BOTHROSTERNINI Blandford, 1896
- Tribe CACTOPININI Chamberlin, 1939
- Tribe CARPHODICTICINI Wood, 1971
- Tribe COPTONOTINI Chapuis, 1869
- Tribe CORTHYLINI LeConte, 1876
  - Subtribe CORTHYLINA LeConte, 1876
  - Subtribe PITYOPHTHORINA Eichhoff, 1878
- Tribe CRYPHALINI Lindemann, 1877
- Tribe CRYPTURGINI LeConte, 1876
- †Tribe CYLINDROBROTINI Kirejtshuk, Azar, Beaver, Mandelshtam and Nel, 2009
- Tribe DIAMERINI Hagedorn, 1909
- Tribe DRYOCOETINI Lindemann, 1877
- Tribe HEXACOLINI Eichhoff, 1878
- Tribe HYLASTINI LeConte, 1876
- Tribe HYLESININI Erichson, 1836
- Tribe HYLURGINI Gistel, 1848
- Tribe HYORRHYNCHINI Hopkins, 1915
- Tribe HYPOBORINI Nüsslin, 1911
- Tribe IPINI Bedel, 1888
- Tribe MICRACIDINI LeConte, 1876
- Tribe PHLOEOSININI Nüsslin, 1912
- Tribe PHLOEOTRIBINI Chapuis, 1869
- Tribe PHRIXOSOMATINI Wood, 1978
- Tribe POLYGRAPHINI Chapuis, 1869
- Tribe PREMNOBIINI Browne, 1962
- Tribe SCOLYTINI Latreille, 1804
- Tribe SCOLYTOPLATYPODINI Blandford, 1893
- Tribe XYLEBORINI LeConte, 1876
- Tribe XYLOCTONINI Eichhoff, 1878
- Tribe XYLOTERINI LeConte, 1876

**Subfamily PLATYPODINAE Shuckard, 1839**

- Tribe MECOPELMINI Thompson, 1992
- Tribe PLATYPODINI Shuckard, 1839
- Tribe SCHEDLARIINI Wood and Bright, 1992
- Tribe TESSEROCERINI Strohmeier, 1914
  - Subtribe DIAPODINA Strohmeier, 1914
  - Subtribe TESSEROCERINA Strohmeier, 1914



## Catalogue of Coleoptera family-group names

### Order COLEOPTERA

#### †Suborder PROTOCOLEOPTERA

##### †Superfamily TSHEKARDOCOLEOIDEA Rohdendorf, 1944

TSHEKARDOCOLEIDAE Rohdendorf, 1944: 252 [stem: *Tshekardocole*–]. Type genus: *Tshekardocoleus* Rohdendorf, 1944.r

##### †Family TSHEKARDOCOLEIDAE Rohdendorf, 1944

TSHEKARDOCOLEIDAE Rohdendorf, 1944: 252 [stem: *Tshekardocole*–]. Type genus: *Tshekardocoleus* Rohdendorf, 1944.

URALOCOLEIDAE Zaleskiy, 1947: 857 [stem: *Uralocole*–]. Type genus: *Uralocoleus* Zalesky, 1947.

##### †Family LABRADOROCOLEIDAE Ponomarenko, 1969

LABRADOROCOLEIDAE Ponomarenko, 1969b: 307 [stem: *Labradorocole*–]. Type genus: *Labradorocoleus* Ponomarenko, 1969.

##### †Family OBOROCOLEIDAE Kukalová, 1969

OBOROCOLEIDAE Kukalová, 1969: 155 [stem: *Oborocole*–]. Type genus: *Oborocoleus* Kukalová, 1969.

##### †Superfamily PERMOCUPEDOIDEA Martynov, 1933

PERMOCUPIDAE Martynov, 1933: 85 [stem: *Permocuped*–]. Type genus: *Permocupes* Martynov, 1933.

##### †Family PERMOCUPEDIDAE Martynov, 1933

PERMOCUPIDAE Martynov, 1933: 85 [stem: *Permocuped*–]. Type genus: *Permocupes* Martynov, 1933. Comment: incorrect original stem formation, not in prevailing usage.

KALTANOCOLEIDAE Rohdendorf, 1961: 397 [stem: *Kaltanocole*–]. Type genus: *Kaltanocoleus* Rohdendorf, 1961.

##### †Family TALDYCUPEDIDAE Rohdendorf, 1961

TALDYCUPIDAE Rohdendorf, 1961: 412 [stem: *Taldycuped*–]. Type genus: *Taldycupes* Rohdendorf, 1961. Comment: usage of TRACHYCUPIDAE by Fujiyama (1973: 375) was in error for TALDYCUPIDAE (Ponomarenko pers. comm. August 2009); incorrect original stem formation, not in prevailing usage.

##### †Superfamily PERMOSYNOIDEA Tillyard, 1924

PERMOSYNIDAE Tillyard, 1924: 431 [stem: *Permosyn*–]. Type genus: *Permosyne* Tillyard, 1924.

**†Family ADEMOSYNIDAE Ponomarenko, 1968**

ADEMOSYNIDAE Ponomarenko, 1968: 128 [stem: *Ademosyn-*]. Type genus: *Ademosyne* Handlirsch, 1906.

**†Family PERMOSYNIDAE Tillyard, 1924**

PERMOSYNIDAE Tillyard, 1924: 431 [stem: *Permosyn-*]. Type genus: *Permosyne* Tillyard, 1924.

**Suborder ARCHOSTEMATA****Family CROWSONIELLIDAE Iablokoff-Khnzorian, 1983**

CROWSONIELLIDAE Iablokoff-Khnzorian, 1983: 65 [stem: *Crowsoniell-*]. Type genus: *Crowsoniella* Pace, 1975.

**Family CUPEDIDAE Laporte, 1836**

CUPESIDAE Laporte, 1836: 56 [stem: *Cuped-*]. Type genus: *Cupes* Fabricius, 1801.

**Subfamily PRIACMINAE Crowson, 1962**

PRIACMINI Crowson, 1962: 152 [stem: *Priacm-*]. Type genus: *Priacma* J. L. LeConte, 1874.

**†Subfamily MESOCUPEDINAE Ponomarenko, 1969**

MESOCUPEDINI Ponomarenko, 1969a: 105 [stem: *Mesocuped-*]. Type genus: *Mesocupes* Martynov, 1926.

**Subfamily CUPEDINAE Laporte, 1836**

CUPESIDAE Laporte, 1836: 56 [stem: *Cuped-*]. Type genus: *Cupes* Fabricius, 1802.  
Comment: incorrect original stem formation, not in prevailing usage.

**Family MICROMALTHIDAE Barber, 1913**

MICROMALTHIDAE Barber, 1913: 185 [stem: *Micromalth-*]. Type genus: *Micromalthus* J. L. LeConte, 1878.

**Family OMMATIDAE Sharp and Muir, 1912**

OMMADIDAE Sharp and Muir, 1912: 521 [stem: *Ommat-*]. Type genus: *Omma* Newman, 1839.

**†Subfamily BROCHOCOLEINAE Hong, 1982**

BROCHOCOLEIDAE Hong, 1982: 100 [stem: *Brochocole-*]. Type genus: *Brochocoleus* Hong, 1982.

**Subfamily TETRAPHALERINAE Crowson, 1962**

TETRAPHALERINI Crowson, 1962: 152 [stem: *Tetraphaler-*]. Type genus: *Tetraphalerus* C. O. Waterhouse, 1901.

**Subfamily OMMATINAE Sharp and Muir, 1912**

OMMADIDAE Sharp and Muir, 1912: 521 [stem: *Ommat*-]. Type genus: *Omma* Newman, 1839.

**†Tribe LITHOCUPEDINI Ponomarenko, 1969**

LITHOCUPEDINI Ponomarenko, 1969a: 82 [stem: *Lithocuped*-]. Type genus: *Lithocupes* Ponomarenko, 1966.

**†Tribe NOTOCUPEDINI Ponomarenko, 1966**

NOTOCUPEDINI Ponomarenko, 1966: 60 [stem: *Notocup*-]. Type genus: *Notocupes* Ponomarenko, 1966.

**Tribe OMMATINI Sharp and Muir, 1912**

OMMADIDAE Sharp and Muir, 1912: 521 [stem: *Ommat*-]. Type genus: *Omma* Newman, 1839. Comment: incorrect original stem formation, not in prevailing usage.

**Family JURODIDAE Ponomarenko, 1985**

JURODIDAE Ponomarenko, 1985: 53 [stem: *Jurod*-]. Type genus: *Jurodes* Ponomarenko, 1985.

SIKHOTEALINIIDAE Lafer, 1996: 390 [stem: *Sikhotealini*-]. Type genus: *Sikhotealinia* Lafer, 1996.

**†Family TRIADOCUPEDIDAE Ponomarenko, 1966**

TRIADOCUPEDINAE Ponomarenko, 1966: 48 [stem: *Triadocuped*-]. Type genus: *Triadocupes* Ponomarenko, 1966.

**†Family MAGNOCOLEIDAE Hong, 1998**

MAGNOCOLEIDAE Hong, 1998: 41 [stem: *Magnocole*-]. Type genus: *Magnocoleus* Hong, 1998.

**†Family OBRIENIIDAE Zherikhin and Gratshev, 1994**

OBRIENIIDAE Zherikhin and Gratshev, 1994: 51 [stem: *Obrieni*-]. Type genus: *Obrienia* Zherikhin and Gratshev, 1994. Comment: precedence (OBRIENIIDAE Zherikhin and Gratshev, 1994 vs KARARHYNCHIDAE Zherikhin and Gratshev, 1994) given to taxon originally proposed at the higher rank (Art. 24.1).

**†Subfamily KARARHYNCHINAE Zherikhin and Gratshev, 1994**

KARARHYNCHINAE Zherikhin and Gratshev, 1994: 58 [stem: *Kararhynch*-]. Type genus: *Kararhynchus* Zherikhin and Gratshev, 1994.

**†Tribe KARARHYNCHINI Zherikhin and Gratshev, 1994**

KARARHYNCHINAE Zherikhin and Gratshev, 1994: 58 [stem: *Kararhynch*-]. Type genus: *Kararhynchus* Zherikhin and Gratshev, 1994.

**†Tribe KENDERLYKAINI Legalov, 2009**

KENDERLYKANINI Legalov, 2009c: 285 [stem: *Kenderlyka*-.]. Type genus: *Kenderlyka* Zherikhin and Gratshev, 1994. Comment: incorrect original stem formation, not in prevailing usage.

**†Subfamily OBRIENIINAE Zherikhin and Gratshev, 1994**

OBRIENIIDAE Zherikhin and Gratshev, 1994: 51 [stem: *Obrieni*-.]. Type genus: *Obrienia* Zherikhin and Gratshev, 1994.

**Suborder MYXOPHAGA****†Superfamily ASIOCOLEOIDEA Rohdendorf, 1961**

ASIOCOLEIDAE Rohdendorf, 1961: 396 [stem: *Asiicole*-.]. Type genus: *Asiicoleus* Rohdendorf, 1961.

**†Family ASIOCOLEIDAE Rohdendorf, 1961**

ASIOCOLEIDAE Rohdendorf, 1961: 396 [stem: *Asiicole*-.]. Type genus: *Asiicoleus* Rohdendorf, 1961.

**†Family TRICOLEIDAE Ponomarenko, 1969**

TRICOLEIDAE Ponomarenko, 1969a: 138 [stem: *Tricole*-.]. Type genus: *Tricoleus* Ponomarenko, 1969.

**†Superfamily RHOMBOCOLEOIDEA Rohdendorf, 1961**

RHOMBOCOLEIDAE Rohdendorf, 1961: 432 [stem: *Rhombocole*-.]. Type genus: *Rhombocoleus* Rohdendorf, 1961.

**†Family RHOMBOCOLEIDAE Rohdendorf, 1961**

RHOMBOCOLEIDAE Rohdendorf, 1961: 432 [stem: *Rhombocole*-.]. Type genus: *Rhombocoleus* Rohdendorf, 1961.

**†Superfamily SCHIZOPHOROIDEA Ponomarenko, 1968**

SCHIZOPHORIDAE Ponomarenko, 1968: 130 [stem: *Schizophor*-.]. Type genus: *Schizophorus* Ponomarenko, 1968. Comment: usage of this name conserved over Schizocoleoidea Rohdendorf, 1961 (Art. 35.5).

**†Family SCHIZOPHORIDAE Ponomarenko, 1968**

SCHIZOPHORIDAE Ponomarenko, 1968: 130 [stem: *Schizophor*-.]. Type genus: *Schizophorus* Ponomarenko, 1968.

**†Family CATINIIDAE Ponomarenko, 1968**

CATINIIDAE Ponomarenko, 1968: 137 [stem: *Catini*-.]. Type genus: *Catinius* Ponomarenko, 1968.



**†Family SCHIZOCOLEIDAE Rohdendorf, 1961**

CURCULIOPSIDAE Martynov, 1937: 39 [stem: *Curculiopse*-]. Type genus: *Curculiopsis* Martynov, 1937 [preoccupied genus name, not *Curculiopsis* Handlirsch, 1907 [fossil CURCULIONOIDEA]; syn. of *Aenigmocoleus* Rohdendorf, 1961 or *Rossocoleus* Rohdendorf, 1961]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

SCHIZOCOLEIDAE Rohdendorf, 1961: 438 [stem: *Schizocole*-]. Type genus: *Schizocoleus* Rohdendorf, 1961.

**Superfamily LEPICEROIDEA Hinton, 1936 (1882)**

LEPICERIDAE Hinton, 1936: 473 [stem: *Lepicer*-]. Type genus: *Lepicerus* Motschulsky, 1855. Comment: use of family-group name conserved over CYATHOCEROIDEA Sharp, 1882 (Art. 40.2) (see Lawrence and Newton 1995: 804).

**Family LEPICERIDAE Hinton, 1936 (1882)**

CYATHOCERIDAE Sharp, 1882: 141 [stem: *Cyathocer*-]. Type genus: *Cyathocerus* Sharp, 1882 [syn. of *Lepicerus* Motschulsky, 1855]. Comment: use of younger name LEPICERIDAE Hinton, 1936 conserved over this name (Art. 40.2) (see Lawrence and Newton 1995: 804).

LEPICERIDAE Hinton, 1936: 473 [stem: *Lepicer*-]. Type genus: *Lepicerus* Motschulsky, 1855. Comment: use of family-group name conserved over CYATHOCERIDAE Sharp, 1882 (Art. 40.2) (see Lawrence and Newton 1995: 804).

†HAPLOCHELIDAE Kirejtshuk and Poinar, 2006: 156 [stem: *Haplochel*-]. Type genus: *Haplochelus* Kirejtshuk and Poinar, 2006. Comment: synonymy with LEPICERIDAE by Ge et al. (2010: 336).

**Superfamily SPHAERIUSOIDEA Erichson, 1845**

SPHAERINA Erichson, 1845: 38 [stem: *Sphaerius*-]. Type genus: *Sphaerius* Walzl, 1838 [originally placed on the Official Index of Rejected and Invalid Generic Names in Zoology by the Commission (ICZN 1985d) but later placed on the Official List of Generic Names in Zoology (ICZN 2000)]. Comment: correct stem determined to be *Sphaerius*- and SPHAERIUSIDAE Erichson, 1845 placed on the Official List of Family-Group Names in Zoology (ICZN 2000).

**Family TORRIDINCOLIDAE Steffan, 1964**

TORRIDINCOLIDAE Steffan, 1964: 199 [stem: *Torridincol*-]. Type genus: *Torridincola* Steffan, 1964.

**Subfamily TORRIDINCOLINAE Steffan, 1964**

TORRIDINCOLIDAE Steffan, 1964: 199 [stem: *Torridincol*-]. Type genus: *Torridincola* Steffan, 1964.

PTYOPTERINAE M. Abdullah, 1974: 961 [stem: *Ptyopteryg*-]. Type genus: *Ptyopteryx* H. Reichardt and C. Costa, 1967 [preoccupied genus name, not *Ptyopteryx* Kolenati, 1848 [Trichoptera]; syn. of *Iapir* Py-Daniel et al., 1993]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

**Subfamily DELEVEINAE Endrödy-Younga, 1997**

DELEVEINAE Endrödy-Younga, 1997: 317 [stem: *Deleve*-]. Type genus: *Delevea* H. Reichardt, 1976.

**Family HYDROSCAPHIDAE LeConte, 1874**

HYDROSCAPHIDAE J. L. LeConte, 1874a: 45 [stem: *Hydroscaph*-]. Type genus: *Hydroscapha* J. L. LeConte, 1874.

**Family SPHAERIUSIDAE Erichson, 1845**

SPHAERINA Erichson, 1845: 38 [stem: *Sphaerius*-]. Type genus: *Sphaerius* Walzl, 1838 [originally placed on the Official Index of Rejected and Invalid Generic Names in Zoology by the Commission (ICZN 1985d) but later placed on the Official List of Generic Names in Zoology (ICZN 2000)]. Comment: family-group name and its type genus were rejected by the Commission (ICZN 1985d) but rescinded afterwards (ICZN 2000); family-group name placed on the Official List of Family-Group Names in Zoology and correct stem ruled to be *Sphaerius*- (ICZN 2000).

MICROSPORIDAE Crotch, 1873a: 78 [stem: *Microspor*-]. Type genus: *Microsporus* Kolenati, 1846 [placed on the Official List of Generic Names in Zoology (ICZN 1985d)]. Comment: name originally placed on the Official List of Family-Group Names in Zoology as “MICROSPORIDAE H. Reichardt, 1976” (ICZN 1985d) but author and year subsequently corrected to Crotch, 1873 (ICZN 2000).

**Suborder ADEPHAGA**

**†Family TRITARSIDAE Hong, 2002**

TRITARSUSIDAE Hong, 2002: 102 [stem: *Tritars*-]. Type genus: *Tritarsus* Hong, 2002. Comment: incorrect original stem formation, not in prevailing usage.

**Family GYRINIDAE Latreille, 1810**

GYRINITES Latreille, 1810: 141 [stem: *Gyrin*-]. Type genus: *Gyrinus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

**Subfamily SPANGLEROGYRINAE Folkerts, 1979**

SPANGLEROGYRINAE Folkerts, 1979: 7 [stem: *Spanglerogyr*-]. Type genus: *Spanglerogyrus* Folkerts, 1979.

**Subfamily GYRININAE Latreille, 1810**

GYRINITES Latreille, 1810: 141 [stem: *Gyrin*-]. Type genus: *Gyrinus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

**Tribe ENHYDRINI Régimbart, 1882**

ENHYDRINI Régimbart, 1882: 392 [stem: *Enhydr*-]. Type genus: *Enhydrus* Laporte, 1834 [placed on the Official List of Generic Names in Zoology (ICZN 1964)]. Comment: usage of this name conserved over Dineutini Desmarest, 1851 (Art. 35.5).

**Subtribe DINEUTINA Desmarest, 1851**

DINEUTIDES Desmarest, 1851: 223 [stem: *Dineut*-]. Type genus: *Dineutes* W. S. MacLeay, 1825.

**Subtribe ENHYDRINA Régimbart, 1882**

ENHYDRINI Régimbart, 1882: 392 [stem: *Enhydr*-]. Type genus: *Enhydrus* Laporte, 1834 [placed on the Official List of Generic Names in Zoology (ICZN 1964)]. Comment: junior homonym of ENHYDRINI Gray, 1825 (type genus *Enhydra* Fleming, 1822) in Mammalia; an application was recently submitted to the Commission by Özdikmen and Darilmaz (2010; see Appendix 6) to remove the homonymy (Art. 55.3.1).

**Tribe GYRININI Latreille, 1810**

GYRINITES Latreille, 1810: 141 [stem: *Gyrin*-]. Type genus: *Gyrinus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

**Subtribe GYRININA Latreille, 1810**

GYRINITES Latreille, 1810: 141 [stem: *Gyrin*-]. Type genus: *Gyrinus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

**Subtribe HETEROGYRINA Brinck, 1956**

HETEROGYRINI P. Brinck, 1956: 37, in key [stem: *Heterogyr*-]. Type genus: *Heterogyrus* Legros, 1953.

**Tribe ORECTOCHILINI Régimbart, 1882**

ORECTOCHILINI Régimbart, 1882: 391 [stem: *Orectochil*-]. Type genus: *Orectochilus* Dejean, 1833.

**Family TRACHYPACHIDAE Thomson, 1857**

TRACHYPACHINI C. G. Thomson, 1857: 5 [stem: *Trachypach*-]. Type genus: *Trachypachus* Motschulsky, 1844.

**†Subfamily EODROMEINAE Ponomarenko, 1977**

EODROMEINAE Ponomarenko, 1977: 46 [stem: *Eodrome-*]. Type genus: *Eodromeus* Ponomarenko, 1977. Comment: the type genus originally included four species: *antiquus*, *stenalis*, *dissectus* and *major*; Ponomarenko (1977: 66) designated “*fasciatus*” as the type species of the genus which was a *lapsus calami* for *dissectus* (see Carpenter 1992: 291); this genus is considered here as being available in Ponomarenko (1977: 66) and not Ponomarenko (in Carpenter 1992: 291); this action enables us to treat the family-group name EODROMEINAE as available from the original description in Ponomarenko (1977: 46).

LEPTOPODOCOLEIDAE Hong, 1982: 118 [stem: *Leptopodocole-*]. Type genus: *Leptopodocoleus* Hong, 1982.

**Subfamily TRACHYPACHINAE Thomson, 1857**

TRACHYPACHINI C. G. Thomson, 1857: 5 [stem: *Trachypach-*]. Type genus: *Trachypachus* Motschulsky, 1844.

\*SYSTOLOSOMINI Erwin, 1985: 467 [stem: *Systolosomat-*]. Type genus: *Systolosoma* Solier, 1849. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

SYSTOLOSOMINI Erwin, 1991: 4, in key [stem: *Systolosomat-*]. Type genus: *Systolosoma* Solier, 1849. Comment: incorrect original stem formation, not in prevailing usage.

**Family RHYSODIDAE Laporte, 1840**

RHYSODITES Laporte, 1840a: 291 [stem: *Rhysod-*]. Type genus: *Rhysodes* Germar, 1822.

**Tribe LEOGLYMMIINI Bell and Bell, 1978**

LEOGLYMMIINA R. T. Bell and J. R. Bell, 1978: 53 [stem: *Leoglymmi-*]. Type genus: *Leoglymmius* Bell and Bell, 1978.

**Tribe DHYSORINI Bell and Bell, 1978**

DHYSORINA R. T. Bell and J. R. Bell, 1978: 53 [stem: *Dhysor-*]. Type genus: *Dhysores* Grouvelle, 1903.

**Tribe MEDISORINI Bell and Bell, 1987**

MEDISORINA R. T. Bell and J. R. Bell, 1987: 287 [stem: *Medisor-*]. Type genus: *Medisores* Bell and Bell, 1987.

**Tribe RHYSODINI Laporte, 1840**

RHYSODITES Laporte, 1840a: 291 [stem: *Rhysod-*]. Type genus: *Rhysodes* Germar, 1822. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 326, as RHYSSODEOIDAE [incorrect stem formation]), generally accepted as in R. T. Bell (2003: 78, as RHYSODIDAE).



**Tribe CLINIDIINI Bell and Bell, 1978**

CLINIDIINA R. T. Bell and J. R. Bell, 1978: 59 [stem: *Clinidi-*]. Type genus: *Clinidium* Kirby, 1830.

**Tribe OMOGLYMMIINI Bell and Bell, 1978**

OMOGLYMMIINA R. T. Bell and J. R. Bell, 1978: 66 [stem: *Omoglymmi-*]. Type genus: *Omoglymmius* Ganglbauer, 1891.

**Tribe SLOANOGLYMMIINI Bell and Bell, 1991**

SLOANOGLYMMIINA R. T. Bell and J. R. Bell, 1991: 183 [stem: *Sloanoglymmi-*]. Type genus: *Sloanoglymmius* Bell and Bell, 1991.

**Family CARABIDAE Latreille, 1802**

CARABICI Latreille, 1802: 80 [stem: *Carab-*]. Type genus: *Carabus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1950)]. Comment: First Reviser (CARABIDAE Latreille, 1802 vs CICINDELIDAE Latreille, 1802 vs ELAPHRIDAE Latreille, 1802) not determined, current usage maintained.

**†Subfamily PROTORABINAE Ponomarenko, 1977**

PROTORABINAE Ponomarenko, 1977: 71 [stem: *Protorab-*]. Type genus: *Protorabus* Ponomarenko, 1977.

**†Subfamily CONJUNCTIINAE Ponomarenko, 1977**

CONJUNCTIINI Ponomarenko, 1977: 85 [stem: *Conjuncti-*]. Type genus: *Conjunctia* Ponomarenko, 1977.

**Subfamily NEBRIINAE Laporte, 1834**

NEBRIIDAE Laporte, 1834b: 90 [stem: *Nebri-*]. Type genus: *Nebria* Latreille, 1802.

**Tribe NEBRIINI Laporte, 1834**

NEBRIIDAE Laporte, 1834b: 90 [stem: *Nebri-*]. Type genus: *Nebria* Latreille, 1802.

**Tribe NOTIOKASIINI Kavanaugh and Nègre, 1983**

\*NOTIOKASIINI Erwin, 1979: 578 [stem: *Notiokasi-*]. Type genus: *Notiokasis* Kavanaugh and Nègre, 1983. Comment: family-group name unavailable (Art. 11.7.1.1): not based on an available genus name at the time.

NOTIOKASIINI Kavanaugh and Nègre, 1983: 551 [stem: *Notiokasi-*]. Type genus: *Notiokasis* Kavanaugh and Nègre, 1983.

**Tribe NOTIOPHILINI Motschulsky, 1850**

\*NOTIOPHILES Motschulsky, 1849: 54 [stem: *Notiophil-*]. Type genus: *Notiophilus* Duméril, 1805. Comment: original vernacular name unavailable (Art.

11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849).

NOTIOPHILI Motschulsky, 1850: 16 [stem: *Notiophil-*]. Type genus: *Notiophilus* Duméril, 1805.

### **Tribe OPISTHIINI Dupuis, 1912**

OPISTHIINAE Dupuis, 1912: 1 [stem: *Opisthi-*]. Type genus: *Opisthius* Kirby, 1837.

### **Tribe PELOPHILINI Kavanaugh, 1996**

PELOPHILINI Kavanaugh, 1996: 35 [stem: *Pelophil-*]. Type genus: *Pelophila* Dejean, 1821.

### **Subfamily CICINDINAE Csiki, 1927**

CICINDINI Csiki, 1927: 425 [stem: *Cicind-*]. Type genus: *Cicindis* Bruch, 1908.

### **Subfamily CICINDELINAE Latreille, 1802**

CICINDELETAE Latreille, 1802: 77 [stem: *Cicindel-*]. Type genus: *Cicindela* Linné, 1758.

### **Tribe AMBLYCHEILINI Csiki, 1903**

AMBLYCHILINAE Csiki, 1903: 124 [stem: *Amblycheil-*]. Type genus: *Amblycheila* Say, 1830 [as *Amblychila*, unjustified emendation of type genus name by Agassiz (1846b), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

OMITES W. Horn, 1907: 466 [stem: *Om-*]. Type genus: *Omus* Eschscholtz, 1829.

### **Tribe CICINDELINI Latreille, 1802**

CICINDELETAE Latreille, 1802: 77 [stem: *Cicindel-*]. Type genus: *Cicindela* Linnaeus, 1758.

### **Subtribe APTEROESSINA Rivalier, 1971**

APTEROESSINA Rivalier, 1971: 143 [stem: *Apteroess-*]. Type genus: *Apteroessa* Hope, 1838.

### **Subtribe CICINDELINA Latreille, 1802**

CICINDELETAE Latreille, 1802: 77 [stem: *Cicindel-*]. Type genus: *Cicindela* Linnaeus, 1758.

### **Subtribe DROMICINA Thomson, 1859**

DROMICITAE J. Thomson, 1859: 89 [stem: *Dromic-*]. Type genus: *Dromica* Dejean, 1826.

CALEDONICINI W. Horn, 1893: 324 [stem: *Caledonic-*]. Type genus: *Caledonica* Chaudoir, 1861.

ODONTOCHILINI W. Horn, 1899: 41 [stem: *Odontocheil-*]. Type genus: *Odontocheila* Laporte, 1834 [as *Odontochila*, unjustified emendation of type genus name by Agassiz (1846b), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

PREPUSINI W. Horn, 1899: 44 [stem: *Prepus-*]. Type genus: *Prepusa* Chaudoir, 1850 [syn. of *Eulampra* Chaudoir, 1848].

EURYODINI W. Horn, 1899: 37 [stem: *Euryod-*]. Type genus: *Euryoda* Lacordaire, 1842 [syn. of *Prothyma* Hope, 1838].

PROTHYMINI W. Horn, 1906: 86 [stem: *Prothym-*]. Type genus: *Prothyma* Hope, 1838.

### **Subtribe IRESIINA Rivalier, 1971**

EUPROSOPINI W. Horn, 1893: 324 [stem: *Euprosop-*]. Type genus: *Euprosopus* Dejean, 1825.

EUCALLIINI W. Horn, 1893: 324 [stem: *Eucalli-*]. Type genus: *Eucallia* Guérin-Méneville, 1844 [syn. of *Callidema* Guérin-Méneville, 1843].

DISTYPSIDERINI W. Horn, 1893: 324 [stem: *Distypsider-*]. Type genus: *Distypsidera* Westwood, 1837 [as *Distypsidera*, unjustified emendation of type genus name by Gemminger and Harold (1868a: 32), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

IRESINA Rivalier, 1971: 138 [stem: *Iresi-*]. Type genus: *Iresia* Dejean, 1829. Comment: although this is not the oldest name for the subtribe, we recommend that an application be sent to the Commission in order to conserve usage of IRESIINA Rivalier, 1971 over the three older names proposed by W. Horn in 1893 which have not been used as valid recently to our knowledge; incorrect original stem formation, not in prevailing usage.

### **Subtribe THERATINA Horn, 1893**

THERATIDAE W. Horn, 1893: 324 [stem: *Therat-*]. Type genus: *Therates* Latreille, 1816.

### **Tribe COLLYRIDINI Brullé, 1834**

COLLYRIENS Brullé, 1834: 96 [stem: *Collyrid-*]. Type genus: *Collyris* Fabricius, 1801.

### **Subtribe COLLYRIDINA Brullé, 1834**

COLLYRIENS Brullé, 1834: 96 [stem: *Collyrid-*]. Type genus: *Collyris* Fabricius, 1801. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hope (1838a: 30, as COLLYRIDAE [incorrect stem formation]), generally accepted as in Puchkov and Matalin (2003: 116, as COLLYRIDINA); incorrect original stem formation, not in prevailing usage.

TRACHELONIADAE Gistel, 1850: 75 [stem: *Tracheloni-*]. Type genus: *Trachelonia* Gistel, 1850 [syn. of *Collyris* Fabricius, 1801].

\*COLLIURIDES Motschulsky, 1855: 34 [stem: *Colliur-*]. Type genus: *Colliuris* sensu Latreille, 1802 [not *Colliuris* DeGeer, 1774; syn. of *Collyris* Fabricius, 1801]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

### **Subtribe TRICONDYLINA Naviaux, 1991**

TRICONDYLINA Naviaux, 1991: 219 [stem: *Tricondyl-*]. Type genus: *Tricondyla* Latreille, 1822.

### **Tribe CTENOSTOMATINI Laporte, 1834**

CTENOSTOMIDAE Laporte, 1834b: 38 [stem: *Ctenostomat-*]. Type genus: *Ctenostoma* Klug, 1821. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe MANTICORINI Laporte, 1834**

MANTICORIDAE Laporte, 1834b: 33 [stem: *Manticor-*]. Type genus: *Manticora* Fabricius, 1781.

### **Tribe MEGACEPHALINI Laporte, 1834**

MEGACEPHALIDAE Laporte, 1834b: 33 [stem: *Megacephal-*]. Type genus: *Megacephala* Latreille, 1802.

OXYCHEILITES J. Thomson, 1857a: 17 [stem: *Oxycheil-*]. Type genus: *Oxycheila* Dejean, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Chaudoir (1861a: 326, as OXYCHILINI [incorrect stem formation]), generally accepted as in Fleutiaux (1892a: 13, as OXYCHILINI [incorrect stem formation]); the stem *Oxychil-* should not be used for this taxon in order to avoid homonymy with OXYCHILINI Hesse, 1927 (type genus *Oxychilus* Fitzinger 1833), currently being used as valid in Mollusca.

PLATYCHILIDAE W. Horn, 1893: 325 [stem: *Platychil-*]. Type genus: *Platychile* W. S. MacLeay, 1825.

TETRACHAE Leng and Mutchler, 1916: 683 [stem: *Tetrach-*]. Type genus: *Tetracha* Hope, 1838.

### **Subfamily CARABINAE Latreille, 1802**

CARABICI Latreille, 1802: 80 [stem: *Carab-*]. Type genus: *Carabus* Linnaeus, 1758.

### **Tribe CARABINI Latreille, 1802**

CARABICI Latreille, 1802: 80 [stem: *Carab-*]. Type genus: *Carabus* Linnaeus, 1758.

CALOSOMII Bonelli, 1810: Tabula Synoptica [stem: *Calosomat-*]. Type genus: *Calosoma* Weber, 1801. Comment: incorrect original stem formation, not in prevailing usage.



PROCERIDAE Laporte, 1834b: 87 [stem: *Procer-*]. Type genus: *Procerus* Dejean, 1821.

CALLISTHENISIDAE Gistel, 1848: [2] [stem: *Callisthen-*]. Type genus: *Callisthenes* Fischer von Waldheim, 1820. Comment: incorrect original stem formation, not in prevailing usage.

\*CECHENOGENICI Morawitz, 1889: 40 [stem: *Cechen-*]. Type genus: *Cechenus* Fischer von Waldheim, 1822. Comment: family-group name unavailable (Art. 11.7.1.1): original name not proposed as a noun.

\*TRIBACOGENICI Morawitz, 1889: 40 [stem: *Tribac-*]. Type genus: *Tribax* Fischer von Waldheim, 1817. Comment: family-group name unavailable (Art. 11.7.1.1): original name not proposed as a noun.

\*PROCRUSTOGENICI Morawitz, 1889: 40 [stem: *Procrust-*]. Type genus: *Procrustes* Bonelli, 1810. Comment: family-group name unavailable (Art. 11.7.1.1): original name not proposed as a noun.

PROCRUSTOGENICI Roeschke, 1898: 285 [stem: *Procrust-*]. Type genus: *Procrustes* Bonelli, 1810.

APLOTHORACINA Lapouge, 1927: 45 [stem: *Aplothorac-*]. Type genus: *Aplothorax* G. R. Waterhouse, 1842.

\*CALLISTHENIENS Lapouge, 1927: 47 [stem: *Callisthen-*]. Type genus: *Callisthenes* Fischer von Waldheim, 1820. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899; family-group name proposed as new without reference to CALLISTHENISIDAE Gistel, 1848.

CECHENOGENICI Csiki, 1927: 110 [stem: *Cechen-*]. Type genus: *Cechenus* Fischer von Waldheim, 1822.

TRIBACOGENICI Csiki, 1927: 121 [stem: *Tribac-*]. Type genus: *Tribax* Fischer von Waldheim, 1817.

MEGADONTICI Csiki, 1927: 60 [stem: *Megodont-*]. Type genus: *Megodontus* Solier, 1848 [as *Megadontus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe CEROGLOSSINI Lapouge, 1927**

CEROGLOSSINA Lapouge, 1927: 45 [stem: *Cerogloss-*]. Type genus: *Ceroglossus* Solier, 1848.

### **Tribe CYCHRINI Perty, 1830**

CYCHRII Perty, 1830: 6 [stem: *Cychr-*]. Type genus: *Cychrus* Fabricius, 1794. Comment: name previously attributed to Laporte (1834b: 86).

### **Tribe PAMBORINI Hope, 1838**

PAMBORIDAE Hope, 1838a: 47 [stem: *Pambor-*]. Type genus: *Pamborus* Latreille, 1812.

**Subfamily LORICERINAE Bonelli, 1810**

LORICERIDES Bonelli, 1810: Tabula Synoptica [stem: *Loricer-*]. Type genus: *Loricera* Latreille, 1802.

**Subfamily OMOPHRONINAE Bonelli, 1810**

OMOPHRONII Bonelli, 1810: Tabula Synoptica [stem: *Omophron-*]. Type genus: *Omophron* Latreille, 1802.

SCOLYTI Motschulsky, 1850: 91 [stem: *Scolyt-*]. Type genus: *Scolytus* Fabricius, 1790 [preoccupied genus name, not *Scolytus* Geoffroy, 1762 [Coleoptera: CURCULIONIDAE]; syn. of *Omophron* Latreille, 1802]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; SCOLYTINAE/-INI Latreille, 1804 are currently used as valid in CURCULIONIDAE.

EPACTIINI Fauvel, 1888: 1 [stem: *Epacti-*]. Type genus: *Epactius* Schneider, 1791 [syn. of *Omophron* Latreille, 1802].

**Subfamily ELAPHRINAE Latreille, 1802**

ELAPHRII Latreille, 1802: 81 [stem: *Elaphr-*]. Type genus: *Elaphrus* Fabricius, 1775.

**Subfamily MIGADOPINAE Chaudoir, 1861**

MIGADOPIDAE Chaudoir, 1861b: 510 [stem: *Migadop-*]. Type genus: *Migadops* G. R. Waterhouse, 1842.

**Tribe AMAROTYPINI Erwin, 1985**

AMAROTYPINI Erwin, 1985: 468 [stem: *Amarotyp-*]. Type genus: *Amarotypus* H. W. Bates, 1872.

**Tribe MIGADOPINI Chaudoir, 1861**

MIGADOPIDAE Chaudoir, 1861b: 510 [stem: *Migadop-*]. Type genus: *Migadops* G. R. Waterhouse, 1842.

**Subtribe AQUILICINA Moret, 2005**

AQUILICINA Moret, 2005: 30 [stem: *Aquilic-*]. Type genus: *Aquilex* Moret, 1989.

**Subtribe MIGADOPINA Chaudoir, 1861**

MIGADOPIDAE Chaudoir, 1861b: 510 [stem: *Migadop-*]. Type genus: *Migadops* G. R. Waterhouse, 1842.

MONOLOBINAE Jeannel, 1938: 10, in key [stem: *Monolob-*]. Type genus: *Monolobus* Solier, 1849.

LOXOMERIFORMES Erwin, 1985: 446 [stem: *Loxomer-*]. Type genus: *Loxomerus* Chaudoir, 1842.

**Subfamily HILETINAE Schiødte, 1848**

HILETINI Schiødte, 1848: 69 [stem: *Hilet-*]. Type genus: *Hiletus* Schiødte, 1848.

CAMARAGNATHINI Csiki, 1927: 341 [stem: *Camaragnath-*]. Type genus: *Camaragnathus* Bertrand-Bocandé, 1849 [syn. of *Hiletus* Schiødte, 1847].

**Subfamily SCARITINAE Bonelli, 1810**

SCARITIDES Bonelli, 1810: Tabula Synoptica [stem: *Scarit-*]. Type genus: *Scarites* Fabricius, 1775.

**Tribe CARENINI MacLeay, 1887**

CARENIDES W. J. MacLeay, 1887: 117 [stem: *Caren-*]. Type genus: *Carenum* Bonelli, 1813.

**Tribe CLIVININI Rafinesque, 1815**

CLIVINIDIA Rafinesque, 1815: 109 [stem: *Clivin-*]. Type genus: *Clivina* Latreille, 1802.

**Subtribe ARDISTOMINA Putzeys, 1867**

ARDISTOMIDES Putzeys, 1867: 200 [stem: *Ardistom-*]. Type genus: *Ardistomis* Putzeys, 1846. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Csiki (1927: 547, as ARDISTOMINA), generally accepted as in Balkenohl (2003: 219, as ARDISTOMINA); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Ardistomid-*).

**Subtribe CLIVININA Rafinesque, 1815**

CLIVINIDIA Rafinesque, 1815: 109 [stem: *Clivin-*]. Type genus: *Clivina* Latreille, 1802.

REICHEINA Jeannel, 1957: 141, in key [stem: *Reichei-*]. Type genus: *Reicheia* Saulcy, 1862. Comment: incorrect original stem formation, not in prevailing usage.

ITALODYTINA Jeannel, 1957: 141, in key [stem: *Italodyt-*]. Type genus: *Italodytes* Müller, 1938.

REICHEIINA Basilewsky, 1980: 293 [stem: *Reichei-*]. Type genus: *Reicheia* Saulcy, 1862. Comment: family-group name proposed as new without reference to REICHEIINA Jeannel, 1957.

**Subtribe FORCIPATORINA Bänninger, 1938**

\*OXYSTOMIDES Putzeys, 1867: 12 [stem: *Oxystom-*]. Type genus: *Oxystomus* Dejean, 1825 [preoccupied genus name, not *Oxystomus* Fischer von Waldheim, 1803 [Mammalia]; syn. of *Forcipator* Maindron, 1904]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Putzeys (1867).

OXYSTOMINA Csiki, 1927: 491. Type genus: *Oxystomus* Dejean, 1825 [pre-occupied genus name, not *Oxystomus* Fischer von Waldheim, 1803 [Mammalia]; syn. of *Forcipator* Maindron, 1904]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

FORCIPATORINA Bänninger, 1938: 83 [stem: *Forcipator*-]. Type genus: *Forcipator* Maindron, 1904.

### **Tribe DALYATINI Mateu, 2002**

DALYATINAE Mateu, 2002: 67 [stem: *Dalyat*-]. Type genus: *Dalyat* Mateu, 2002.

### **Tribe DYSCHIRIINI Kolbe, 1880**

DYSCHIRIINI Kolbe, 1880: 266 [stem: *Dyschiri*-]. Type genus: *Dyschirius* Bonelli, 1810.

### **†Tribe PALAEOAXINIDIINI McKay, 1991**

PALAEOAXINIDINI McKay, 1991: 10 [stem: *Palaeoaxinidi*-]. Type genus: *Palaeoaxinidium* McKay, 1991. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe PASIMACHINI Putzeys, 1867**

PASIMACHIDES Putzeys, 1867: 3 [stem: *Pasimach*-]. Type genus: *Pasimachus* Bonelli, 1813. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Csiki (1927: 444, as PASIMACHINA).

### **Tribe PROMECOGNATHINI LeConte, 1853**

PROMECOGNATHI J. L. LeConte, 1853b: 394 [stem: *Promecognath*-]. Type genus: *Promecognathus* Chaudoir, 1846.

AXINIDIINI Basilewsky, 1963: 307 [stem: *Axinidi*-]. Type genus: *Axinidium* Sturm, 1843.

### **Tribe SALCEDIINI Alluaud, 1930**

SALCEDIINI Alluaud, 1930a: 21 [stem: *Salcedi*-]. Type genus: *Salcedia* Fairmaire, 1899.

### **Subtribe ANDROZELMINA Bell, 1998**

ANDROZELMINA R. T. Bell, 1998: 271 [stem: *Androzelm*-]. Type genus: *Androzelmia* Dostal, 1993.

### **Subtribe SALCEDIINA Alluaud, 1930 (1929)**

ZELMIDES Andrewes, 1929: 209, 416 [stem: *Zelm*-]. Type genus: *Zelma* Andrewes, 1920 [syn. of *Salcedia* Fairmaire, 1899]. Comment: use of younger name SALCEDIINA Alluaud, 1930 conserved over this name (Art. 40.2).



SALCEDIINI Alluaud, 1930a: 21 [stem: *Salcedi-*]. Type genus: *Salcedia* Fairmaire, 1899. Comment: name proposed to replace ZELMINI Andrewes, 1929 because of the synonymy of the type genus; use of SALCEDIINA conserved over ZELMINA Andrewes, 1929 (Art. 40.2).

**Subtribe SOLENOGENYINA Bell, 1998**

SOLENOGENYINA R. T. Bell, 1998: 271 [stem: *Solenogeny-*]. Type genus: *Solenogenys* Westwood, 1859.

**Tribe SCARITINI Bonelli, 1810**

SCARITIDES Bonelli, 1810: Tabula Synoptica [stem: *Scarit-*]. Type genus: *Scarites* Fabricius, 1775.

**Subtribe ACANTHOSCELINA Csiki, 1927**

ACANTHOSCELINA Csiki, 1927: 489 [stem: *Acanthoscel-*]. Type genus: *Acanthoscelis* Dejean, 1825. Comment: the incorrect stem formation is in prevailing usage (should be *Acanthoscelid-*) and is maintained (Art. 29.3.1.1); usage of the stem *Acanthoscel-* avoids homonymy with ACANTHOSCELIDINA Bridwell, 1946 (type genus *Acanthoscelides* Schilsky, 1905) in CHRYSOMELIDAE.

**Subtribe CORINTASCARINA Basilewsky, 1973**

CORINTASCARINI Basilewsky, 1973a: 10 [stem: *Corintascar-*]. Type genus: *Corintascaris* Basilewsky, 1952. Comment: current spelling maintained (Art. 29.3.1.1); incorrect stem formation in prevailing usage (should be *Corintascarid-*).

**Subtribe DYSCHERINA Basilewsky, 1973**

DYSCHERINA Basilewsky, 1973a: 101 [stem: *Dyscher-*]. Type genus: *Dyscherus* Chaudoir, 1855.

**Subtribe OCHYROPINA Basilewsky, 1973**

OCHYROPINI Basilewsky, 1973a: 9 [stem: *Ochyrop-*]. Type genus: *Ochyropus* Schiødte, 1847. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Ochyropod-*).

**Subtribe OXYLOBINA Andrewes, 1929**

OXYLOBIDES Andrewes, 1929: 209, 292 [stem: *Oxylob-*]. Type genus: *Oxylobus* Chaudoir, 1855.

**Subtribe SCAPTERINA Putzeys, 1867**

SCAPTÉRIDES Putzeys, 1867: 7 [stem: *Scapter-*]. Type genus: *Scapterus* Dejean, 1826. Comment: original vernacular name available (Art. 11.7.2): first

used in latinized form by Csiki (1927: 490, as SCAPTERINA), generally accepted as in Balkenohl (2003: 231, as SCAPTERINA).

PASSALIDIINA Csiki, 1927: 489 [stem: *Passalidi-*]. Type genus: *Passalidius* Chaudoir, 1863.

### **Subtribe SCARITINA Bonelli, 1810**

SCARITIDES Bonelli, 1810: Tabula Synoptica [stem: *Scarit-*]. Type genus: *Scarites* Fabricius, 1775.

### **Subtribe STORTHODONTINA Jeannel, 1946**

STORTHODONTINI Jeannel, 1946: 237, in key [stem: *Storthodont-*]. Type genus: *Storthodontus* Chaudoir, 1855.

## **Subfamily BROSCINAE Hope, 1838**

BROSCHIDAE Hope, 1838a: 80 [stem: *Brosc-*]. Type genus: *Broscus* Panzer, 1813.

### **Tribe BROSCINI Hope, 1838**

BROSCHIDAE Hope, 1838a: 80 [stem: *Brosc-*]. Type genus: *Broscus* Panzer, 1813.

### **Subtribe AXONYINA Roig-Juñent, 2000**

AXONYINA Roig-Juñent, 2000: 18 [stem: *Axony-*]. Type genus: *Axonya* Andrewes, 1923.

### **Subtribe BARIPODINA Jeannel, 1941**

BARYPITAE Jeannel, 1941: 287, in key [stem: *Baripod-*]. Type genus: *Baripus* Dejean, 1828 [as *Barypus*, unjustified emendation of type genus name by Agassiz (1846b: 43), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

### **Subtribe BROSCINA Hope, 1838**

BROSCHIDAE Hope, 1838a: 80 [stem: *Brosc-*]. Type genus: *Broscus* Panzer, 1813 [as *Broschus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

CEPHALOTIDA Heer, 1838: 12 [stem: *Cephalot-*]. Type genus: *Cephalotes* Bonelli, 1810 [preoccupied genus name, not *Cephalotes* Latreille, 1802 [Hymenoptera]; syn. of *Broscus* Panzer, 1813]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ZACOTINI G. H. Horn, 1881: 169 [stem: *Zacot-*]. Type genus: *Zacotus* J. L. LeConte, 1869.

**Subtribe CREOBIINA Jeannel, 1941**

CREOBITAE Jeannel, 1941: 287, in key [stem: *Creobi-*]. Type genus: *Creobius* Guérin-Méneville, 1838. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe NOTHOBROSCINA Roig-Juñent, 2000**

NOTHOBROSCINA Roig-Juñent, 2000: 32 [stem: *Nothobrosc-*]. Type genus: *Nothobroscus* Roig-Juñent and Ball, 1995.

**Subfamily APOTOMINAE LeConte, 1853**

APOTOMI J. L. LeConte, 1853b: 370 [stem: *Apotom-*]. Type genus: *Apotomus* Illiger, 1807.

**Subfamily SIAGONINAE Bonelli, 1813**

SIAGONES Bonelli, 1813: 24 [stem: *Siagon-*]. Type genus: *Siagona* Latreille, 1804.

**Tribe ENCELADINI Horn, 1881**

ENCELADINI G. H. Horn, 1881: 118 [stem: *Encelad-*]. Type genus: *Enceladus* Bonelli, 1813.

**Tribe LUPERCINI Lecordier, 1977**

LUPERCINI Lecordier, 1977: 628 [stem: *Luperc-*]. Type genus: *Luperca* Laporte, 1840.

**Tribe SIAGONINI Bonelli, 1813**

SIAGONES Bonelli, 1813: 24 [stem: *Siagon-*]. Type genus: *Siagona* Latreille, 1804.

**Subfamily MELAENINAE Csiki, 1933**

COSCINIDES Chaudoir, 1876b: 115 [stem: *Coscini-*]. Type genus: *Coscinia* Dejean, 1831 [preoccupied genus name, not *Coscinia* Hübner, 1819 [Lepidoptera]; syn. of *Cymbionotum* Baudi, 1864]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage. GRANIGERINI Bedel, 1900: 24 [stem: *Graniger-*]. Type genus: *Graniger* sensu Chaudoir, 1876 [not *Graniger* Motschulsky, 1864; syn. of *Cymbionotum* Baudi, 1864]. Comment: based on a misidentified type genus; an application will need to be submitted to the Commission to suppress this name for the Principles of Priority and Homonymy (Art. 65.2.1) if GRANIGERINI Antoine, 1959 in HARPALINAE: HARPALINI: HARPALINA is to be used as valid in the future.

MELAENINAE Csiki, 1933: 1650 [stem: *Melaen-*]. Type genus: *Melaenus* Dejean, 1831. Comment: published 26 May 1933; name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Lorenz (1998b: 149) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

CYMBIONOTINI Andrewes, 1933: 3 [stem: *Cymbionot-*]. Type genus: *Cymbionotum* Baudi di Selve, 1864. Comment: published 30 June 1933.

**Subfamily GEHRINGIINAE Darlington, 1933**

GEHRINGIINI Darlington, 1933: 110 [stem: *Gehringi-*]. Type genus: *Gehringia* Darlington, 1933.

**Tribe GEHRINGIINI Darlington, 1933**

GEHRINGIINI Darlington, 1933: 110 [stem: *Gehringi-*]. Type genus: *Gehringia* Darlington, 1933.

**Subtribe GEHRINGIINA Darlington, 1933**

GEHRINGIINI Darlington, 1933: 110 [stem: *Gehringi-*]. Type genus: *Gehringia* Darlington, 1933.

**Subtribe HELENAEINA Deuve, 2007**

HELENAEINA Deuve, 2007: 217 [stem: *Helенаe-*]. Type genus: *Helенаea* Schatzmayr and Koch, 1934.

**Subfamily TRECHINAE Bonelli, 1810**

TRECHII Bonelli, 1810: Tabula Synoptica [stem: *Trech-*]. Type genus: *Trechus* Clairville, 1806.

**Tribe BEMBIDIINI Stephens, 1827**

BEMBIDIIDAE Stephens, 1827: 5 [stem: *Bembidi-*]. Type genus: *Bembidion* Latreille, 1802 [as *Bembidium*, unjustified emendation of type genus name by Gyllenhal (1810: 12), not in prevailing usage].

**Subtribe ANILLINA Jeannel, 1937**

ANILLINI Jeannel, 1937: 244, in key [stem: *Anill-*]. Type genus: *Anillus* Jacquelin du Val, 1851. Comment: precedence (ANILLINA Jeannel, 1937 vs SCOTODIPNINA Jeannel, 1937) given to taxon originally proposed at the higher rank (Art. 24.1).

SCOTODIPNINA Jeannel, 1937: 265, in key [stem: *Scotodipn-*]. Type genus: *Scotodipnus* Schaum, 1860.

TYPHLOCHARINA Jeanne, 1973: 95, in key [stem: *Typhlocharit-*]. Type genus: *Typhlocharis* Dieck, 1869. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe BEMBIDIINA Stephens, 1827**

BEMBIDIIDAE Stephens, 1827: 5 [stem: *Bembidi-*]. Type genus: *Bembidion* Latreille, 1802 [as *Bembidium*, unjustified emendation of type genus name by Gyllenhal (1810), not in prevailing usage].

PERYPHIDAE Kirby, 1837: 52 [stem: *Peryph-*]. Type genus: *Peryphus* Dejean, 1821.

### **Subtribe TACHYINA Motschulsky, 1862**

TACHYAIRES Motschulsky, 1862: 24 [stem: *Tachy-*]. Type genus: *Tachys* Dejean, 1821 [placed on the Official List of Generic Names in Zoology (ICZN 1990c)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jeannel (1941: 401, 422, as TACHYINI), generally accepted as in J. K. Park et al. (2006: 91, as TACHYINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Tache-*, see Alonso-Zarazaga 2007).

MICRATOPINI Casey, 1914a: 42 [stem: *Micratop-*]. Type genus: *Micratopus* Casey, 1914.

LIMNASTINI Jeannel, 1937: 245, in key [stem: *Lymnast-*]. Type genus: *Lymnastis* Motschulsky, 1862 [as *Limnastis*, unjustified emendation of type genus name by Ganglbauer (1891a: 181), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

### **Subtribe XYSTOSOMINA Erwin, 1994**

XYSTOSOMINA Erwin, 1994: 560 [stem: *Xystosom-*]. Type genus: *Xystosomus* Schaum, 1863.

### **Tribe HOROLOGIONINI Jeannel, 1949**

HOROLOGIONIDAE Jeannel, 1949b: 91 [stem: *Horologion-*]. Type genus: *Horologion* J. M. Valentine, 1932. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Horologi-*).

### **Tribe POGONINI Laporte, 1834**

POGONIDAE Laporte, 1834b: 70 [stem: *Pogon-*]. Type genus: *Pogonus* Dejean, 1821. POGONOPSINI Bedel, 1900: 20 [stem: *Pogonopse-*]. Type genus: *Pogonopsis* Bedel, 1898. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe TRECHINI Bonelli, 1810**

TRECHII Bonelli, 1810: Tabula Synoptica [stem: *Trech-*]. Type genus: *Trechus* Clairville, 1806.

### **Subtribe AEPINA Fowler, 1887**

AËPYES Fowler, 1887: 123 [stem: *Aep-*]. Type genus: *Aepus* Samouelle, 1819. TEMNOSTEGINI Enderlein, 1909: 376 [stem: *Temnosteg-*]. Type genus: *Temnostega* Enderlein, 1905.

### **Subtribe CNIDINA Jeannel, 1958**

CNIDINA Jeannel, 1958b: 733 [stem: *Cnid-*]. Type genus: *Cnides* Motschulsky, 1862. Comment: name proposed after 1930 without description or bib-



liographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Casale and Laneyrie (1982: 9, as CNIDINI) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

### **Subtribe PERILEPTINA Sloane, 1903**

PERILEPTIDES Sloane, 1903: 583 [stem: *Perilept-*]. Type genus: *Perileptus* Schaum, 1860. Comment: PERILEPTIDES Sloane, 1903 was treated as Latin and available in Madge (1989: 466) but the valid name for this taxon was listed as PERILEPTI Jeannel, 1922 by Csiki (1928) and PERILEPTINA Jeannel, 1922 by Lorenz (2005); we follow the usage of Madge (1989).

OCHTHEPHILINI Jeannel, 1922: 165 [stem: *Ochthephil-*]. Type genus: *Ochthephilus* Nietner, 1857 [preoccupied genus name, not *Ochthephilus* Mulsant and Rey, 1856 [Coleoptera: STAPHYLINIDAE]; syn. of *Perileptus* Schaum, 1860]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

### **Subtribe PLOCAMOTRECHINA Jeannel, 1960**

\*PLOCAMOTRECHINA Jeannel, 1958b: 733 [stem: *Plocamotrech-*]. Type genus: *Plocamotrechus* Jeannel, 1926 [syn. of *Pachydesus* Motschulsky, 1864]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

PLOCAMOTRECHINA Jeannel, 1960: 53, in key [stem: *Plocamotrech-*]. Type genus: *Plocamotrechus* Jeannel, 1926 [syn. of *Pachydesus* Motschulsky, 1864].

### **Subtribe TRECHINA Bonelli, 1810**

TRECHII Bonelli, 1810: Tabula Synoptica [stem: *Trech-*]. Type genus: *Trechus* Clairville, 1806.

\*APHAENOPSES Fauvel, 1888: 7 [stem: *Aphoenop-*]. Type genus: *Aphoenops* Bonvouloir, 1861 [as *Aphaenops*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

HOMALODERINI Jeannel, 1926: 397, in key [stem: *Omaloder-*]. Type genus: *Omalodera* Blanchard, 1842 [as *Homalodera*, unjustified emendation of type genus name by Gemminger and Harold (1868a: 389), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

### **Subtribe TRECHODINA Jeannel, 1926**

TRECHODINI Jeannel, 1926: 469 [stem: *Trechod-*]. Type genus: *Trechodes* Blackburn, 1901.

THALASSOPHILI Csiki, 1928: 233 [stem: *Thalassophil-*]. Type genus: *Thalassophilus* Wollaston, 1854.

**Tribe ZOLINI Sharp, 1886**

ZOLINI Sharp, 1886a: 371 [stem: *Zol-*]. Type genus: *Zolus* Sharp, 1886.

**Subtribe CHALTENIINA Roig-Juñent and Cicchino, 2001**

CHALTENIINA Roig-Juñent and Cicchino, 2001: 658 [stem: *Chalteni-*]. Type genus: *Chaltenia* Roig-Juñent and Cicchino, 2001.

**Subtribe SINOZOLINA Deuve, 1997**

SINOZOLINI Deuve, 1997: 35 [stem: *Sinozol-*]. Type genus: *Sinozolus* Bedel, 1898.

**Subtribe ZOLINA Sharp, 1886**

ZOLINI Sharp, 1886a: 371 [stem: *Zol-*]. Type genus: *Zolus* Sharp, 1886.

MERIZODINI Sloane, 1920: 139 [stem: *Merizodont-*]. Type genus: *Merizodus* Solier, 1849. Comment: incorrect original stem formation, not in prevailing usage.

\*OOPTERINI Jeannel, 1938: 45 [stem: *Oopter-*]. Type genus: *Oopterus* Guérin-Méneville, 1841. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

OOPTERINI Jeannel, 1940: 93 [stem: *Oopter-*]. Type genus: *Oopterus* Guérin-Méneville, 1841.

**Subfamily PATROBINA Kirby, 1837**

PATROBIDAE Kirby, 1837: 50 [stem: *Patrob-*]. Type genus: *Patrobis* Dejean, 1821.

**Tribe LISSOPOGONINI Zamotajlov, 2000**

LISSOPOGONINI Zamotajlov, 2000: 266 [stem: *Lissopogon-*]. Type genus: *Lissopogonus* Andrewes, 1923.

ZOLINOPATROBINA Deuve and Tian, 2001: 421 [stem: *Zolinopatrob-*]. Type genus: *Zolinopatrobis* Deuve and Tian, 2001 [syn. of *Lissopogonus* Andrewes, 1923].

**Tribe PATROBINI Kirby, 1837**

PATROBIDAE Kirby, 1837: 50 [stem: *Patrob-*]. Type genus: *Patrobis* Dejean, 1821.

**Subtribe DELTOMERINA Chaudoir, 1871**

DELTOMERIDAE Chaudoir, 1871a: 51 [stem: *Deltomer-*]. Type genus: *Deltomerus* Motschulsky, 1850.

**Subtribe DELTOMERODINA Zamotajlov, 2002**

DELTOMERODINA Zamotajlov, 2002: 83 [stem: *Deltomerod-*]. Type genus: *Deltomerodes* Deuve, 1992.

**Subtribe PATROBINA Kirby, 1837**

PATROBIDAE Kirby, 1837: 50 [stem: *Patrob-*]. Type genus: *Patrobis* Dejean, 1821.

**Subtribe PLATIDIOLINA Zamotajlov and Lafer, 2001**

PLATIDIOLINI Zamotajlov and Lafer, 2001: 411 [stem: *Platidiol-*]. Type genus: *Platidiolus* Chaudoir, 1878.

**Subfamily PSYDRINAE LeConte, 1853**

PSYDRI J. L. LeConte, 1853b: 393 [stem: *Psydr-*]. Type genus: *Psydrus* J. L. LeConte, 1846.

**Tribe AMBLYTELINI Blackburn, 1892**

AMBLYTELIDES Blackburn, 1892: 85 [stem: *Amblytel-*]. Type genus: *Amblytelus* Erichson, 1842. Comment: the junior homonym AMBLYTELINAE Viereck, 1918 (type genus *Amblyteles* Wesmael, 1845) is available in Hymenoptera: ICHNEUMONIDAE, it is presently considered a synonym of ICHNEUMONINI Latreille, 1802; both family-group names are based on the same stem; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

**Tribe MECYCLOTHORACINI Jeannel, 1940**

MECYCLOTHORACITAE Jeannel, 1940: 97 [stem: *Mecyclothorac-*]. Type genus: *Mecyclothorax* Sharp, 1903. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Lorenz (1998a: 222) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

**Tribe MEONINI Sloane, 1898**

MEONIDES Sloane, 1898: 470 [stem: *Meon-*]. Type genus: *Meonis* Laporte, 1867. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Meonid-*).

**Tribe MORIOMORPHINI Sloane, 1890**

MORIOMORPHINI Sloane, 1890: 646 [stem: *Moriomorph-*]. Type genus: *Moriomorpha* Laporte, 1867.

MELISODERIDES Sloane, 1898: 470 [stem: *Melisoder-*]. Type genus: *Melisodera* Westwood, 1835.

**Tribe PSYDRINI LeConte, 1853**

PSYDRI J. L. LeConte, 1853b: 393 [stem: *Psydr-*]. Type genus: *Psydrus* J. L. LeConte, 1846.

NOMIIDAE Gozis, 1875: 3 [stem: *Nomi-*]. Type genus: *Nomius* Laporte, 1835. Comment: the younger name NOMIIDAE Robertson, 1904 (type genus *Nomia* Latreille, 1804) has been used in Hymenoptera and a Case was recently submitted to the Commission to emend the beetle family-group name to NOMIUSIDAE (Art. 55.3) in order to remove the homonymy (Engel and Bouchard 2009).

**Tribe TROPOPTERINI Sloane, 1898**

TROPOPTERIDES Sloane, 1898: 470 [stem: *Tropopter-*]. Type genus: *Tropopterus* Solier, 1849.

**Subfamily NOTOTYLINAE Bänninger, 1927**

TYLONOTINI Schaum, 1863: 74 [stem: *Tylonot-*]. Type genus: *Tylonotus* Schaum, 1863 [preoccupied genus name, not *Tylonotus* Haldeman, 1847 [Coleoptera: CERAMBYCIDAE], not *Tylonotus* Fieber, 1858 [Hemiptera]; syn. of *Nototylus* Gemminger and Harold, 1868]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

NOTOTYLINI Bänninger, 1927: 177 [stem: *Nototyl-*]. Type genus: *Nototylus* Gemminger and Harold, 1868.

**Subfamily PAUSSINAE Latreille, 1806**

PAUSSILI Latreille, 1806: 234 [stem: *Pauss-*]. Type genus: *Paussus* Linnaeus, 1775.

**Tribe METRIINI LeConte, 1853**

METRII J. L. LeConte, 1853b: 394 [stem: *Metri-*]. Type genus: *Metrius* Eschscholtz, 1829.

**Tribe MYSTROPOMINI Horn, 1881**

MYSTROPOMINI G. H. Horn, 1881: 116 [stem: *Mystropom-*]. Type genus: *Mystropomus* Chaudoir, 1848.

**Tribe OZAENINI Hope, 1838**

OZAENIDAE Hope, 1838a: 107 [stem: *Ozaen-*]. Type genus: *Ozaena* A. G. Olivier, 1812.

\*TROPOPSITOS Solier, 1849: 179 [stem: *Tropopse-*]. Type genus: *Tropopsis* Solier, 1849. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

PSEUDOZAENINI Sloane, 1905: 704 [stem: *Pseudozaen-*]. Type genus: *Pseudozaena* Laporte, 1834.

EUSTRINI Jeannel, 1946: 48 [stem: *Eustr-*]. Type genus: *Eustra* Schmidt-Göbel, 1846.

PACHYTELINI Jeannel, 1946: 47, in key [stem: *Pachytel-*]. Type genus: *Pachyteles* Perty, 1830.

PHYSEITAE Jeannel, 1946: 47, in key [stem: *Physe-*]. Type genus: *Physea* Brullé, 1834.

### Tribe PAUSSINI Latreille, 1806

PAUSSILI Latreille, 1806: 234 [stem: *Pauss-*]. Type genus: *Paussus* Linnaeus, 1775.

### †Subtribe ARTHROPTERITINA Luna de Carvalho, 1961

ARTHROPTERITINA Luna de Carvalho, 1961: 3 [stem: *Arthropterit-*]. Type genus: *Arthropterites* Wasmann, 1926.

### Subtribe CARABIDOMEMNINA Wasmann, 1928

\*CARABIDOMEMNINEN Kolbe, 1927a: 178 [stem: *Carabidomemn-*]. Type genus: *Carabidomemnus* Kolbe, 1924. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

\*EOHOMOPTERINEN Kolbe, 1927b: 214 [stem: *Eohomopter-*]. Type genus: *Eohomopterus* Wasmann, 1920. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899; the latinized form EOHOMOPTERINI was used by Nagel (1987: 33, 54, 55, 56) but it is unavailable because it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

CARABIDOMEMNINAE Wasmann, 1928: 271 [stem: *Carabidomemn-*]. Type genus: *Carabidomemnus* Kolbe, 1924.

### Subtribe CERAPTERINA Billberg, 1820

CERAPTERIDES Billberg, 1820a: 47 [stem: *Cerapter-*]. Type genus: *Cerapterus* Swederus, 1788.

MEGALOPAUSSINAE Wasmann, 1920: 111 [stem: *Megalopauss-*]. Type genus: *Megalopaussus* Lea, 1906.

\*ARTHROPTERINEN Kolbe, 1927b: 211 [stem: *Arthropter-*]. Type genus: *Arthropterus* W. S. MacLeay, 1838. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

ARTHROPTERINI Wasmann, 1928: 274 [stem: *Arthropter-*]. Type genus: *Arthropterus* W. S. MacLeay, 1838. Comment: ARTHROPTERIDAE Fieber, 1861 has been used in Hemiptera but it is not based on a genus and is therefore unavailable; ARTHROPTERINI Wasmann, 1928 is a junior homonym of ARTHROPTERIDAE Jordan, 1923 proposed in Pisces (type genus *Arthropterus* Agassiz, 1843, preoccupied genus name replaced by *Arthrobatis* Whitley 1940); the Pisces name is permanently invalid since its type genus is a junior homonym; an application to the Commission is needed to conserve the Coleoptera name if it is to be used as valid.

\*MESARTHROPTERINA Nagel, 1987: 60 [stem: *Mesarthropter-*]. Type genus: *Mesarthropterus* Wasmann, 1926. Comment: unavailable family-group



name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**†Subtribe EOPAUSSINA Luna de Carvalho, 1951**

\*EOPAUSSINA Darlington, 1950: 84 [stem: *Eopauss-*]. Type genus: *Eopaussus* Wasmann, 1926. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

EOPAUSSINAE Luna de Carvalho, 1951: 22 [stem: *Eopauss-*]. Type genus: *Eopaussus* Wasmann, 1926.

**Subtribe HETEROPAUSSINA Janssens, 1950**

PLEUROPTERINI Wasmann, 1920: 111 [stem: *Pleuropter-*]. Type genus: *Pleuropterus* Westwood, 1841 [preoccupied genus name, not *Pleuropterus* Burnett, 1829 [Mammalia]; syn. of *Janssenius* Luna de Carvalho, 1951]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

HETEROPAUSSINES Janssens, 1950: 5 (footnote) [stem: *Heteropauss-*]. Type genus: *Heteropaussus* J. Thomson, 1860.

JANSSENINI Luna de Carvalho, 1951: 18 [stem: *Jansseni-*]. Type genus: *Janssenius* Luna de Carvalho, 1951. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe HOMOPTERINA Wasmann, 1920**

HOMOPTERINAE Wasmann, 1920: 111 [stem: *Homopter-*]. Type genus: *Homopterus* Westwood, 1841.

**Subtribe PAUSSINA Latreille, 1806**

PAUSSILI Latreille, 1806: 234 [stem: *Pauss-*]. Type genus: *Paussus* Linnaeus, 1775.

PLATYRHOPALINI Jeannel, 1946: 65 [stem: *Platyrhopal-*]. Type genus: *Platyrhopalus* Westwood, 1833.

ENNEAPAUSSINI Jeannel, 1946: 62 [stem: *Enneapauss-*]. Type genus: *Enneapaussus* Jeannel, 1946.

CERATODERINA Darlington, 1950: 107 [stem: *Ceratoder-*]. Type genus: *Ceratoderus* Westwood, 1841.

HYLOTORINI Luna de Carvalho, 1951: 50 [stem: *Hylotor-*]. Type genus: *Hylotorus* Dalman, 1823.

LELEUPAUSSINA Luna de Carvalho, 1989: 430 [stem: *Leleupauss-*]. Type genus: *Leleupaussus* Luna de Carvalho, 1962.

**Subtribe PENTAPLATARTHINA Jeannel, 1946**

\*PENTAPLATARTHINEN Kolbe, 1927b: 214 [stem: *Pentaplatarthr-*]. Type genus: *Pentaplatarthrus* Westwood, 1833. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

PENTAPLATARTHRIINI Jeannel, 1946: 65 [stem: *Pentaplatarthr-*]. Type genus: *Pentaplatarthrus* Westwood, 1833.

HEXAPLATARTHRIINA Luna de Carvalho, 1961: 3 [stem: *Hexaplatarthr-*]. Type genus: *Hexaplatarthrus* Jeannel, 1955.

### **Tribe PROTOPAUSSINI Gestro, 1892**

PROTOPAUSSINI Gestro, 1892: 707 [stem: *Protopauss-*]. Type genus: *Protopaussus* Gestro, 1892.

### **Subfamily BRACHININAE Bonelli, 1810**

BRACHINII Bonelli, 1810: Tabula Synoptica [stem: *Brachin-*]. Type genus: *Brachinus* Weber, 1801.

### **Tribe BRACHININI Bonelli, 1810**

BRACHINII Bonelli, 1810: Tabula Synoptica [stem: *Brachin-*]. Type genus: *Brachinus* Weber, 1801.

### **Subtribe APTININA Gistel, 1848**

APTINIDAE Gistel, 1848: [2] [stem: *Aptin-*]. Type genus: *Aptinus* Bonelli, 1810.

Comment: APTEMIDAE Gistel (1856a: 356) is probably a misspelling of APTINIDAE (see Madge 1989: 460).

STYPHLOMERINI Habu, 1984: 133 [stem: *Styphlomer-*]. Type genus: *Styphlomerus* Chaudoir, 1875.

### **Subtribe BRACHININA Bonelli, 1810**

BRACHINII Bonelli, 1810: Tabula Synoptica [stem: *Brachin-*]. Type genus: *Brachinus* Weber, 1801.

### **Subtribe MASTACINA Erwin, 1970**

MASTACINA Erwin, 1970: 28, 32 [stem: *Mastac-*]. Type genus: *Mastax* Fischer von Waldheim, 1828.

### **Subtribe PHEROPSOPHINA Jeannel, 1949**

PHEROPSOPHINI Jeannel, 1949c: 1083, in key [stem: *Pheropsoph-*]. Type genus: *Pheropsophus* Solier, 1833.

### **Tribe CREPIDOGASTRINI Jeannel, 1949**

CREPIDOGASTRITAE Jeannel, 1949c: 1080 [stem: *Crepidogastr-*]. Type genus: *Crepidogaster* Boheman, 1848.

### **Subfamily HARPALINAE Bonelli, 1810**

HARPALII Bonelli, 1810: Tabula Synoptica [stem: *Harpal-*]. Type genus: *Harpalus* Latreille, 1802. Comment: First Reviser (HARPALINAE Bonelli, 1810 vs

DRYPTINAE Bonelli, 1810 vs LEBIINAE Bonelli, 1810 vs LICININAE Bonelli, 1810 vs PANAGAEINAE Bonelli, 1810 vs PLATYNINAE Bonelli, 1810 vs PTEROSTICHINAE Bonelli, 1810 vs ZABRINAE Bonelli, 1810 vs ZUPHIINAE Bonelli, 1810) not determined, current usage maintained; GRAPHIPTERINAE Latreille, 1802 has precedence over this taxon, however, HARPALINAE Bonelli, 1810 is in prevailing usage and is maintained (Art. 35.5).

### Tribe ABACETINI Chaudoir, 1873

ABACÉTIDES Chaudoir, 1873a: 5 [stem: *Abacet-*]. Type genus: *Abacetus* Dejean, 1828. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1873: 224, as ABACETINAE), generally accepted as in Bousquet (2003: 346, as ABACETINI).

CELIOSCHESINI Jeannel, 1948b: 442 [stem: *Celioschese-*]. Type genus: *Celioschesis* Tschitschérine, 1898 [syn. of *Aristopus* LaFerté-Sénectère, 1853]. Comment: incorrect original stem formation, not in prevailing usage.

LOXANDRINA Erwin and Sims, 1984: 383, in key [stem: *Loxandr-*]. Type genus: *Loxandrus* J. L. LeConte, 1852.

LOXANDRINI Bousquet and Laroche, 1993: 31 [stem: *Loxandr-*]. Type genus: *Loxandrus* J. L. LeConte, 1852. Comment: family-group name proposed as new without reference to LOXANDRINA Erwin and Sims, 1984.

### Tribe AMORPHOMERINI Sloane, 1923

TRIMERINAE Alluaud, 1922: 500 [stem: *Trimer-*]. Type genus: *Trimerus* Chaudoir, 1878 [preoccupied genus name, not *Trimerus* Green, 1832 [Trilobita]; syn. of *Amorphomerus* Sloane, 1923]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

AMORPHOMERINI Sloane, 1923a: 249 [stem: *Amorphomer-*]. Type genus: *Amorphomerus* Sloane, 1923.

### Tribe ANTHIINI Bonelli, 1813

ANTHIES Bonelli, 1813: 18 [stem: *Anthi-*]. Type genus: *Anthia* Weber, 1801.

POLYHIRMI Rousseau, 1905: 3, in key [stem: *Polyhirm-*]. Type genus: *Polyhirma* Chaudoir, 1850.

CYPHOLOBINI G. Strohmeier, 1928: 287 [stem: *Cypholob-*]. Type genus: *Cypholoba* Chaudoir, 1850.

### Tribe ATRANINI Horn, 1881

ATRANI G. H. Horn, 1881: 145 [stem: *Atran-*]. Type genus: *Atranus* J. L. LeConte, 1848.

### Tribe BASCANINI Basilewsky, 1953

BASCANINI Basilewsky, 1953a: 165 [stem: *Bascan-*]. Type genus: *Bascanus* Péringuey, 1896.

**Tribe CALOPHAENINI Jeannel, 1948**

\*CALOPHAENIDAE Jeannel, 1942: 1017 [stem: *Calophaen-*]. Type genus: *Calophaena* Klug, 1821. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

CALOPHAENIDAE Jeannel, 1948b: 378 [stem: *Calophaen-*]. Type genus: *Calophaena* Klug, 1821.

**Tribe CATAPIESEINI Bates, 1882**

CATAPIESINAE H. W. Bates, 1882: 90 [stem: *Catapiese-*]. Type genus: *Catapiesis* Solier, 1835. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe CHAETODACTYLINI Tschitschérine, 1903**

CHAETODACTYLINI Tschitschérine, 1903: 157 [stem: *Chaetodactyl-*]. Type genus: *Chaetodactyla* Tschitschérine, 1897.

**Tribe CHAETOGENYINI Emden, 1958**

CHAETOGENYINA Emden, 1958: 24 [stem: *Chaetogeny-*]. Type genus: *Chaetogenys* Emden, 1958.

**Tribe CHLAENIINI Brullé, 1834**

CHLAENIDES Brullé, 1834: 123 [stem: *Chlaeni-*]. Type genus: *Chlaenius* Bonelli, 1810.

**Subtribe CALLISTINA Laporte, 1834**

CALLISTIDAE Laporte, 1834b: 80 [stem: *Callist-*]. Type genus: *Callistus* Bonelli, 1810. Comment: published before 9 August 1834.

EUSYNETADAE Gistel, 1856a: 356 [stem: *Eusynet-*]. Type genus: *Eusyneta* Gistel, 1856 [syn. of *Callistus* Bonelli, 1810]. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe CHLAENIINA Brullé, 1834**

CHLAENIDES Brullé, 1834: 123 [stem: *Chlaeni-*]. Type genus: *Chlaenius* Bonelli, 1810. Comment: published before 2 August 1834; original vernacular name available (Art. 11.7.2): first used in latinized form by Erichson (1837: 96, as CHLAENIINI), generally accepted as in Lorenz (2005: 328, as CHLAENIINI); incorrect original stem formation, not in prevailing usage.

LISSAUCHENIIDAE Gistel, 1848: [2] [stem: *Lissaucheni-*]. Type genus: *Lissauchenus* W. S. MacLeay, 1825.

RHOPALOMELINI Alluaud, 1930b: 105 [stem: *Rhopalomel-*]. Type genus: *Rhopalomelus* Boheman, 1848.

- CHLAENIODINI Jeannel, 1949c: 777 [stem: *Chlaeniod-*]. Type genus: *Chlaeniodus* Jeannel, 1949.
- ECCOPTOMENINI Jeannel, 1949c: 821 [stem: *Eccoptomen-*]. Type genus: *Eccoptomenus* Chaudoir, 1850.
- CHLAENIONINI Jeannel, 1949c: 776, in key [stem: *Chlaenion-*]. Type genus: *Chlaenionus* Kuntzen, 1913.
- PROCLETINI Basilewsky, 1950b: 49 [stem: *Proklet-*]. Type genus: *Prokletus* Péringuey, 1896.
- PLEROTICINI Basilewsky, 1950b: 50 [stem: *Plerotic-*]. Type genus: *Pleroticus* Péringuey, 1896.
- CALLISTOIDINI Basilewsky, 1950b: 51 [stem: *Callistoid-*]. Type genus: *Callistoides* Motschulsky, 1865.
- HARPAGLOSSINI Basilewsky, 1950b: 52 [stem: *Harpagloss-*]. Type genus: *Harpaglossus* Motschulsky, 1858.
- LEPTODINODINI Basilewsky and Grundmann, 1955: 205 [stem: *Leptodinod-*]. Type genus: *Leptodinodes* Jeannel, 1949.
- CHLAENIOCTENINI Basilewsky and Grundmann, 1955: 204 [stem: *Chlaeniocten-*]. Type genus: *Chlaenioctenus* H. W. Bates, 1892.
- BRACHYLOBINI Basilewsky and Grundmann, 1955: 204 [stem: *Brachylob-*]. Type genus: *Brachylobus* Chaudoir, 1876.

### Tribe CNEMALOBINI Germain, 1911

- CNÉMACANTHIDES Lacordaire, 1854a: 237 [stem: *Cnemacanth-*]. Type genus: *Cnemacanthus* sensu Brullé, 1834 [not *Cnemacanthus* Gray, 1832; syn. of *Cnemalobus* Guérin-Méneville, 1838]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Schaum (1860: 353, as CNEMACANTHIDAE), generally accepted as in Broun (1880: 7, as CNEMACANTHIDAE); based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principle of Priority (Art. 65.2.1).
- CNEMALOBINI Germain, 1911: 53 [stem: *Cnemalob-*]. Type genus: *Cnemalobus* Guérin-Méneville, 1838.
- CNEMALOBINI Bousquet and Laroche, 1993: 27 [stem: *Cnemalob-*]. Type genus: *Cnemalobus* Guérin-Méneville, 1838. Comment: proposed as a new without reference to CNEMALOBINI Germain, 1911.

### Tribe CRATOCERINI Lacordaire, 1854

- CRATOCÉRIDES Lacordaire, 1854a: 257 [stem: *Cratocer-*]. Type genus: *Cratocerus* Dejean, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Murray (1858: 343, as CRATOCERIDAE), generally accepted as in Csiki (1929: 493, as CRATOCERI).



**Tribe CTENODACTYLINI Laporte, 1834**

CTENODACTYLIDAE Laporte, 1834b: 45 [stem: *Ctenodactyl-*]. Type genus: *Ctenodactyla* Dejean, 1825.

\*LEPTOTRACHÉLIDES Chaudoir, 1848: 52 [stem: *Leptotrachel-*]. Type genus: *Leptotrachelus* Latreille, 1829. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized, also originally proposed in synonymy with RHAGOCREPIDES (see Madge 1989: 464).

RHAGOCREPIDES Chaudoir, 1848: 52 [stem: *Rhagocrepid-*]. Type genus: *Rhagocrepis* Eschscholtz, 1829 [syn. of *Leptotrachelus* Latreille, 1829]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by and generally accepted as in Chaudoir (1861b: 528, as RHAGOCREPIDAE); incorrect original stem formation, not in prevailing usage.

**Tribe CUNEIPECTINI Sloane, 1907**

CUNEIPECTINI Sloane, 1907a: 358 [stem: *Cuneipect-*]. Type genus: *Cuneipectus* Sloane, 1907. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Cuneipector-*).

**Tribe CYCLOSOMINI Laporte, 1834**

CYCLOSOMIDAE Laporte, 1834b: 69 [stem: *Cyclosom-*]. Type genus: *Cyclosomus* Latreille, 1829.

**Subtribe CYCLOSOMINA Laporte, 1834**

CYCLOSOMIDAE Laporte, 1834b: 69 [stem: *Cyclosom-*]. Type genus: *Cyclosomus* Latreille, 1829.

TÉTRAGONODÉRIDES Chaudoir, 1871b: 111 [stem: *Tetragonoder-*]. Type genus: *Tetragonoderus* Dejean, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by and generally accepted as in Chaudoir (1876a: 2, as TETRAGONODERIDAE).

SAROTHROCREPIDAE Chaudoir, 1876a: 83 [stem: *Sarothrocrepid-*]. Type genus: *Sarothrocrepis* Chaudoir, 1850. Comment: incorrect original stem formation, not in prevailing usage; Chaudoir also used the spelling SAROTHROCRÉPIDES in his original publication on page 80.

**Subtribe MASOREINA Chaudoir, 1871**

\*SOMOPLATIDES Chaudoir, 1846: 511 [stem: *Somoplat-*]. Type genus: *Somoplatus* Dejean, 1829. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chaudoir (1846) and generally accepted as valid; this name was first used in latinized form by Carus and Engelmann (1861: 1806 [index], as SOMOPLATIDAE) referring to Chaudoir's paper, but the name was not used as valid; this name was treated as "vernacular, not scientific" by Ball (1979: 77); Basilewsky (1984: 527, as SOMOPLATINI) used this taxon as

valid but did not refer to Chaudoir's original vernacular name, SOMOPLATINI Basilewsky, 1984 is also unavailable since it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); Lorenz (2005: 451) listed this name as as "SOMOPLATIDES Chaudoir 1846 [suppr.]".

MAZORÉIDES Chaudoir, 1871b: 111 [stem: *Masore-*]. Type genus: *Masoreus* Dejean, 1821 [implicit use of *Mazoreus* as the type genus, which is an incorrect subsequent spelling of the type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Chaudoir (1876: 2, as MASOREIDAE), generally accepted as in Lorenz (2005: 451, as MASOREINA); incorrect stem formation, not in prevailing usage.

CORSYRINI Ganglbauer, 1891b: 53 [stem: *Corsyr-*]. Type genus: *Corsyra* Dejean, 1825.

AEPHNIDIINA Jakobson, 1907: 390 [stem: *Aephnidi-*]. Type genus: *Aephnidius* W. S. MacLeay, 1825.

ANAUACINI Csiki, 1932b: 1287 [stem: *Anaulac-*]. Type genus: *Anaulacus* W. S. MacLeay, 1825. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Blackwelder (1944: 52) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

DISOPTERINI Jedlička, 1941: 6, in key [stem: *Discopter-*]. Type genus: *Discoptera* Semenov, 1889.

### Tribe DERCYLINI Sloane, 1923

DERCYLINI Sloane, 1923b: 250a [stem: *Dercyl-*]. Type genus: *Dercylus* Laporte, 1832.

DERCYLIDAE Jeannel, 1948b: 626 [stem: *Dercyl-*]. Type genus: *Dercylus* Laporte, 1832. Comment: family-group name proposed as new without reference to DERCYLINI Sloane, 1923.

### Tribe DRIMOSTOMATINI Chaudoir, 1872

DRIMOSTOMIDAS Chaudoir, 1872a: 283 [stem: *Drimostomat-*]. Type genus: *Drimostoma* Dejean, 1830 [syn. of *Caelostomus* W. S. MacLeay, 1825]. Comment: the original spelling DRIMOSTOMIDAS is the accusative (Latin) form of DRIMOSTOMIDAE and was recognized as such by Madge (1989: 463); original incorrect original stem formation, not in prevailing usage.

CAELOSTOMINA Burgeon, 1935: 194 [stem: *Caelostom-*]. Type genus: *Caelostomus* W. S. MacLeay, 1825.

CYRTOLAINA Whitehead and Ball, 1975: 595 [stem: *Cyrtola-*]. Type genus: *Cyrtolaus* H. W. Bates, 1882.

**Tribe DRYPTINI Bonelli, 1810**

DRYPTINAE Bonelli, 1810: Tabula Synoptica [stem: *Drypt-*]. Type genus: *Drypta* Latreille, 1797.

**Tribe ENOICINI Basilewsky, 1985**

ENOICINI Basilewsky, 1985: 16 [stem: *Enoic-*]. Type genus: *Enoicus* Péringuey, 1896.

**Tribe GALERITINI Kirby, 1825**

GALERITIDAE Kirby, 1825: 564 [stem: *Galerit-*]. Type genus: *Galerita* Fabricius, 1801 [*Galerita* Gouan, 1770 [Aves] has been suppressed both for the Principle of Priority and the Principle of Homonymy (ICZN 1968b); *Galerita* Fabricius, 1801 placed on the Official List of Generic Names in Zoology (ICZN 1968b)].

**Subtribe GALERITINA Kirby, 1825**

GALERITIDAE Kirby, 1825: 564 [stem: *Galerit-*]. Type genus: *Galerita* Fabricius, 1801 [*Galerita* Gouan, 1770 [Aves] has been suppressed both for the Principle of Priority and the Principle of Homonymy (ICZN 1968b); *Galerita* Fabricius, 1801 placed on the Official List of Generic Names in Zoology (ICZN 1968b)]. Comment: family-group name previously attributed to J. L. LeConte (1853b) or Lacordaire (1854a); name placed on the Official List of Family-Group Names in Zoology (ICZN 1968b, as GALERITINI Lacordaire, 1854).

GALERITININI Jeannel, 1949c: 1057 [stem: *Galeritin-*]. Type genus: *Galeritina* Jeannel, 1949 [syn. of *Galerita* Fabricius, 1801]. Comment: replacement name for “GALERITINI Lacordaire, 1854” because of the homonymy of the type genus; name placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1968b).

GALERITULINI Jedlička, 1963: 279, in key [stem: *Galeritul-*]. Type genus: *Galeritula* Strand, 1936 [syn. of *Galerita* Fabricius, 1801]. Comment: replacement name for “GALERITINI Lacordaire, 1854” because of the homonymy of the type genus; name placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1968b).

**Subtribe PLANETINA Jedlička, 1941**

PLANETINI Jedlička, 1941: 7, in key [stem: *Planet-*]. Type genus: *Planetes* W. S. MacLeay, 1825.

**Tribe GEOBAENINI Péringuey, 1896**

GEOBAENIDES Péringuey, 1896: 469 [stem: *Geobaen-*]. Type genus: *Geobaenus* Dejean, 1829.

**Tribe GINEMINI Ball and Shpeley, 2002**

GINEMINI Ball and Shpeley, 2002: 77 [stem: *Ginem-*]. Type genus: *Ginema* Ball and Shpeley, 2002.

**Tribe GLYPTINI Horn, 1881**

GLYPTI G. H. Horn, 1881: 179 [stem: *Glypt-*]. Type genus: *Glyptus* Brullé, 1835 [*Glyptus* Hoffmannsegg, 1818 placed on the Official Index of Rejected and Invalid Generic Names in Zoology and *Glyptus* Brullé, 1835 placed on the Official List of Generic Names in Zoology (ICZN 1985b)].

**Tribe GRAPHIPTERINI Latreille, 1802**

GRAPHIPTERIDES Latreille, 1802: 83 [stem: *Graphipter-*]. Type genus: *Graphipterus* Latreille, 1802. Comment: usage of HARPALINAE Bonelli, 1810 is maintained over GRAPHIPTERINAE Latreille, 1802 (Art. 35.5).

**Tribe HARPALINI Bonelli, 1810**

HARPALII Bonelli, 1810: Tabula Synoptica [stem: *Harpal-*]. Type genus: *Harpalus* Latreille, 1802.

**Subtribe ANISODACTYLINA Lacordaire, 1854 *nomen protectum***

EURYTRICHINI J. L. LeConte, 1847: 376 [stem: *Eurytrich-*]. Type genus: *Eurytrichus* J. L. LeConte, 1847 [syn. of *Anisotarsus* Chaudoir, 1837]. Comment: *nomen oblitum* (Appendix 1).

ANISODACTYLIDES Lacordaire, 1854a: 268 [stem: *Anisodactyl-*]. Type genus: *Anisodactylus* Dejean, 1829. Comment: *nomen protectum* (see Appendix 1); original vernacular name available (Art. 11.7.2): first used in latinized form by Murray (1858: 346, as ANISODACTYLIDAE), generally accepted as in Lorenz (2005: 348, as ANISODACTYLINI).

ANISOTARSI Csiki, 1932a: 1039 [stem: *Anisotars-*]. Type genus: *Anisotarsus* Chaudoir, 1837. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Blackwelder (1944: 46) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

\*GEOPINI Csiki, 1932a: 1026 [stem: *Geopin-*]. Type genus: *Geopinus* J. L. LeConte, 1847. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*GNATHAPHANI Schauberger, 1934: 104, 106 [stem: *Gnathaphan-*]. Type genus: *Gnathaphanus* W. S. MacLeay, 1825. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Subtribe HARPALINA Bonelli, 1810**

HARPALII Bonelli, 1810: Tabula Synoptica [stem: *Harpal-*]. Type genus: *Harpalus* Latreille, 1802. Comment: First Reviser found (HARPALINI Bonelli, 1810 vs DITOMINI Bonelli, 1810) is Noonan (1976: 28).

DITOMICI Bonelli, 1810: Tabula Synoptica [stem: *Ditom-*]. Type genus: *Ditomus* Bonelli, 1810.

ACINOPIDAE Laporte, 1834b: 67 [stem: *Acinopod-*]. Type genus: *Acinopus* Dejean, 1821. Comment: incorrect original stem formation, not in prevailing usage.

OPHONIDAE Laporte, 1834b: 68 [stem: *Ophon-*]. Type genus: *Ophonus* Dejean, 1821 [placed on the Official List of Generic Names in Zoology (ICZN 1990c)].

CRATOGNATHIDAE Laporte, 1834b: 70 [stem: *Cratognath-*]. Type genus: *Cratognathus* Dejean, 1829.

STENOMORPHIDAE Laporte, 1834b: 71 [stem: *Stenomorph-*]. Type genus: *Stenomorphus* Dejean, 1831.

DAPTINI J. L. LeConte, 1847: 371 [stem: *Dapt-*]. Type genus: *Daptus* Fischer von Waldheim, 1823.

AMBLYSTOMINI Fauvel, 1889: 17 [stem: *Amblystom-*]. Type genus: *Amblystomus* Erichson, 1837.

TRICHOPSELAPHINI Tschitschérine, 1900: 351 [stem: *Trichopselaph-*]. Type genus: *Trichopselaphus* Chaudoir, 1843.

SELENOPHORINI Casey, 1914b: 134 [stem: *Selenophor-*]. Type genus: *Selenophorus* Dejean, 1829.

PACHYCARINA Stichel, 1923: 81 [stem: *Pachycar-*]. Type genus: *Pachycarus* Solier, 1835.

\*DIOCTINI Csiki, 1932a: 1023a [stem: *Dioct-*]. Type genus: *Dioctes* Ménétriés, 1849 [syn. of *Machozetus* Chaudoir, 1850]. Comment: family-group name unavailable (Art. 11.6): originally published as synonym and not made available subsequently.

DIORYCHI Csiki, 1932a: 1193 [stem: *Diorych-*]. Type genus: *Dioryche* W. S. MacLeay, 1825. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Blackwelder (1944: 48) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

\*MACHOZETI Csiki, 1932a: 1023 [stem: *Machozet-*]. Type genus: *Machozetus* Chaudoir, 1850. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

BRADYBAENI Csiki, 1932a: 1187 [stem: *Bradybaen-*]. Type genus: *Bradybaenus* Dejean, 1829. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however avail-



able because it was used as valid before 2000 as in Noonan (1976: 28) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1); BRADYBAENIDAE Pilsbry, 1939 (type genus *Bradybaena* Beck, 1837) is currently used as valid in Mollusca, both family-group names have a correct stem; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

\*EURYDERI Csiki, 1932a: 1081 [stem: *Euryder-*]. Type genus: *Euryderus* J. L. LeConte, 1846. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*HETERACANTHI Csiki, 1932a: 1085 [stem: *Heteracanth-*]. Type genus: *Heteracantha* Brullé, 1834. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*BARYSOMI Csiki, 1932a: 1192 [stem: *Barysom-*]. Type genus: *Barysomus* Dejean, 1829. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

MACHOZETI Schauburger, 1934: 99 [stem: *Machozet-*]. Type genus: *Machozetus* Chaudoir, 1850.

TRICHOTICHNINI Jeannel, 1942: 624 [stem: *Trichotichn-*]. Type genus: *Trichotichnus* Morawitz, 1863.

BLEUSEI Antoine, 1959: 386 [stem: *Bleuse-*]. Type genus: *Bleusea* Bedel, 1896.

ERITOMI Antoine, 1959: 354 [stem: *Eriotom-*]. Type genus: *Eriotomus* Piochard de la Brûlerie, 1873 [syn. of *Oedesis* Motschulsky, 1850].

GRANIGERI Antoine, 1959: 357 [stem: *Graniger-*]. Type genus: *Graniger* Motschulsky, 1864. Comment: an application will need to be submitted to the Commission to suppress GRANIGERINI Bedel, 1900 (based on the misidentified type genus *Graniger* sensu Chaudoir, 1876) for the Principles of Priority and Homonymy (Art. 65.2.1) if this name is to be used as valid.

CRATACANTHI Lindroth, 1968: 742 [stem: *Cratacanth-*]. Type genus: *Cratacanthus* Dejean, 1829.

\*CARTEROPHONINI Jeanne, 1971: 11 [stem: *Carterophon-*]. Type genus: *Carterophonus* Ganglbauer, 1891 [syn. of *Graniger* Motschulsky, 1864]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### **Subtribe PELMATELLINA Bates, 1882**

PELMATELLINAE H. W. Bates, 1882: 67 [stem: *Pelmatell-*]. Type genus: *Pelmatellus* H. W. Bates, 1882.

**Subtribe STENOLOPHINA Kirby, 1837**

STENOLOPHIDAE Kirby, 1837: 46 [stem: *Stelonoph-*]. Type genus: *Stenolophus* Dejean, 1821.

POLPOCHILINAE H. W. Bates, 1891a: 10 [stem: *Polpochil-*]. Type genus: *Polpochila* Solier, 1849.

ACUPALPINI Tschitschérine, 1900: 351 [stem: *Acupalp-*]. Type genus: *Acupalpus* Latreille, 1829.

CRATOCARINI Casey, 1914b: 48 [stem: *Cratocar-*]. Type genus: *Cratocara* J. L. LeConte, 1863 [syn. of *Polpochila* Solier, 1849].

PACHYTRACHELI Csiki, 1932a: 1082 [stem: *Pachytrachel-*]. Type genus: *Pachytrachelus* Chaudoir, 1852. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Jeannel (1948b: 720, as PACHYTRACHELINI) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

\*AGONODERI Csiki, 1932a: 1188 [stem: *Agonoder-*]. Type genus: *Agonoderus* Dejean, 1829. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*BRADYCELLI Csiki, 1932a: 1222 [stem: *Bradycell-*]. Type genus: *Bradycellus* Erichson, 1837. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

ANOPLOGENII Schauburger, 1937: 272 [stem: *Anoplogeni-*]. Type genus: *Anoplogenius* Chaudoir, 1852 [syn. of *Loxoncus* Schmidt-Göbel, 1846].

\*DICHIROTRICHI F. Burmeister, 1939: 186 [stem: *Dicheirotrich-*]. Type genus: *Dicheirotrichus* Jacquelin du Val, 1855 [as *Dichirotrichus*, unjustified emendation of type genus name by Gemminger and Harold (1868a: 262), not in prevailing usage]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage (see Madge 1989: 463).

BRADYCELLINI Jeannel, 1942: 700 [stem: *Bradycell-*]. Type genus: *Bradycellus* Erichson, 1837.

HIPPOLAETINA Basilewsky, 1951b: 258 [stem: *Hippoloet-*]. Type genus: *Hippoloetis* Laporte, 1835 [as *Hippolaetis*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

ANTHRACINI Schuler, 1970: 114 [stem: *Anthrac-*]. Type genus: *Anthracus* Motschulsky, 1850.

**Tribe HELLUONINI Hope, 1838**

HELLUONIDAE Hope, 1838a: 110 [stem: *Helluon-*]. Type genus: *Helluo* Bonelli, 1813.

**Subtribe HELLUONINA Hope, 1838**

HELLUONIDAE Hope, 1838a: 110 [stem: *Helluon-*]. Type genus: *Helluo* Bonelli, 1813.

**Subtribe OMPHRINA Jedlička, 1941**

OMPHRINI Jedlička, 1941: 6, in key [stem: *Omphr-*]. Type genus: *Omphra* Dejean, 1825.

HELLUOMORPHINA H. Reichardt, 1974: 226 [stem: *Helluomorph-*]. Type genus: *Helluomorpha* Laporte, 1834.

**Tribe HEXAGONIINI Horn, 1881 (1834)**

TRIGONODACTYLIENS Brullé, 1834: 127 [stem: *Trigonodactyl-*]. Type genus: *Trigonodactyla* Dejean, 1831 [syn. of *Hexagonia* Kirby, 1825]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Desmarest (1851: 56, as TRIGONODACTYLIDAE); use of the younger name HEXAGONIINI G. H. Horn, 1881 conserved over this name (Art. 40.2).

HEXAGONIAE G. H. Horn, 1881: 146 [stem: *Hexagoni-*]. Type genus: *Hexagonia* Kirby, 1825. Comment: use of family-group name conserved over TRIGONODACTYLINI Brullé, 1834 (Art. 40.2).

**Tribe IDIOMORPHINI Bates, 1891**

IDIOMORPHINAE H. W. Bates, 1891b: cccxxxiii [stem: *Idiomorph-*]. Type genus: *Idiomorphus* Chaudoir, 1846.

PEROCHNORISTHINAE Basilewsky, 1973b: 224 [stem: *Perochnoristh-*]. Type genus: *Perochnoristhus* Basilewsky, 1973.

**Tribe LACHNOPHORINI LeConte, 1853**

LACHNOPHORI J. L. LeConte, 1853b: 375 [stem: *Lachnophor-*]. Type genus: *Lachnophorus* Dejean, 1831.

**Subtribe LACHNOPHORINA LeConte, 1853**

LACHNOPHORI J. L. LeConte, 1853b: 375 [stem: *Lachnophor-*]. Type genus: *Lachnophorus* Dejean, 1831.

ANCHONODÉRIDES Lacordaire, 1854a: 373 [stem: *Anchonoder-*]. Type genus: *Anchonoderus* Reiche, 1843. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in H. W. Bates (1871: 30, as ANCHONODERINAE).

EUCAERI J. L. LeConte, 1861: 22 [stem: *Eucaer-*]. Type genus: *Eucaerus* J. L. LeConte, 1853.

EGINI G. H. Horn, 1881: 152 [stem: *Eg-*]. Type genus: *Ega* Laporte, 1834.

### **Subtribe SELININA Jeannel, 1948**

SELININI Jeannel, 1948b: 743, in key [stem: *Selin-*]. Type genus: *Selina* Motschulsky, 1858. Comment: the junior homonym SELININA Koch, 1956 (type genus *Selinus* Mulsant and Rey, 1853) is available in TENEBRIONIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

### **Tribe LEBIINI Bonelli, 1810**

LEBIOTAE Bonelli, 1810: Tabula Synoptica [stem: *Lebi-*]. Type genus: *Lebia* Latreille, 1802. Comment: First Reviser (LEBIINI Bonelli, 1810 vs DROMIUSINI Bonelli, 1810) not determined, current usage maintained.

### **Subtribe ACTENONYCINA Bates, 1871**

ACTENONYCINAE H. W. Bates, 1871: 30 [stem: *Actenonyc-*]. Type genus: *Actenonyx* A. White, 1846. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Actenon-ych-*).

### **Subtribe AGRINA Kirby, 1837**

AGRIDAE Kirby, 1837: 13 [stem: *Agr-*]. Type genus: *Agra* Fabricius, 1801.

### **Subtribe APENINA Ball, 1983**

APENINA Ball, 1983: 516 [stem: *Apen-*]. Type genus: *Apenes* J. L. LeConte, 1851.

\*TRYMOSTERNINI Zaballos and Jeanne, 1994: 116 [stem: *Trymostern-*]. Type genus: *Trymosternus* Chaudoir, 1873. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*PLATYTARINI Zaballos and Jeanne, 1994: 116 [stem: *Platytar-*]. Type genus: *Platytarus* Fairmaire, 1850. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### **Subtribe CALLEIDINA Chaudoir, 1873**

CALLIDIDES Chaudoir, 1873b: 97 [stem: *Calleid-*]. Type genus: *Calleida* Dejean, 1824 [as *Callida*, unjustified emendation of type genus name by Agassiz (1846b: 58), not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1873: 311, as CALLEIDINAE), generally accepted as in Csiki (1932b: 1436, as CALLIDI [incorrect stem formation]); incorrect stem formation, not in prevailing usage.

PLOCHIONIDAE Gozis, 1875: 3 [stem: *Plochion-*]. Type genus: *Plochionus* Dejean, 1821.

ANOMOTARINA Habu, 1967: 117 [stem: *Anomotar-*]. Type genus: *Anomotarus* Chaudoir, 1875.

### **Subtribe CELAENEPHINA Habu, 1982**

CELAENEPHINA Habu, 1982: 111 [stem: *Celaeneph-*]. Type genus: *Celaenephes* Schmidt-Göbel, 1846.

### **Subtribe CYMINDIDINA Laporte, 1834**

CYMINDIDAE Laporte, 1834b: 46 [stem: *Cymindid-*]. Type genus: *Cymindis* Latreille, 1806. Comment: incorrect original stem formation, not in prevailing usage.

TARIDAE Gistel, 1848: [2] [stem: *Tar-*]. Type genus: *Tarus* Clairville, 1806 [syn. of *Cymindis* Latreille, 1806].

PSEUDOMASOREINI Jeannel, 1942: 1039, in key [stem: *Pseudomasore-*]. Type genus: *Pseudomasoreus* Desbrochers des Loges, 1904.

### **Subtribe DEMETRIADINA Bates, 1886**

DEMETRIINAE H. W. Bates, 1886: 207 [stem: *Demetriad-*]. Type genus: *Demetrias* Bonelli, 1810. Comment: incorrect original stem formation, not in prevailing usage.

PELIOCYPINI Basilewsky, 1984: 553 [stem: *Peliocypad-*]. Type genus: *Peliocypas* Schmidt-Göbel, 1846. Comment: incorrect original stem formation, not in prevailing usage.

### **Subtribe DROMIUSINA Bonelli, 1810**

DROMIEI Bonelli, 1810: Tabula Synoptica [stem: *Dromius-*]. Type genus: *Dromius* Bonelli, 1810 [placed on the Official List of Generic Names in Zoology (ICZN 2006b)]. Comment: DROMIIDAE Bonelli, 1810 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology, correct stem ruled to be *Dromius-* and DROMIUSIDAE Bonelli, 1810 placed on the Official List of Family-Group Names in Zoology (ICZN 2006b).

LICHNASTHENITAE J. Thomson, 1858: 35 [stem: *Lichnasthen-*]. Type genus: *Lichnasthenus* J. Thomson, 1858. Comment: J. Thomson (1858: 35) used the spelling LICHNASTENITAE but corrected the name to LICHNASTHENITAE in the same publication in the index (page 458) and in the errata (page [472, unn.]), the corrected spelling is considered a justified emendation (see Madge 1989: 464).

LIONYCHIDAE Jeannel, 1948b: 378, in key [stem: *Lionych-*]. Type genus: *Lionychus* Wissmann, 1846.



SINGILINI Jeannel, 1949c: 915 [stem: *Singil-*]. Type genus: *Singilis* Rambur, 1837.

\*SYNTOMINI Jeanne, 1972: 101 [stem: *Syntom-*]. Type genus: *Syntomus* Hope, 1838. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

METADROMIINA Basilewsky, 1984: 545 [stem: *Metadromi-*]. Type genus: *Metadromius* Bedel, 1907.

METAXYMORPHINA Basilewsky, 1984: 551 [stem: *Metaxymorph-*]. Type genus: *Metaxymorphus* Chaudoir, 1850.

SINGILIOMIMINA Basilewsky, 1984: 552 [stem: *Singiliomim-*]. Type genus: *Singiliomimus* Péringuey, 1896.

### **Subtribe GALLERUCIDIINA Chaudoir, 1872**

GALLERUCIDIAE Chaudoir, 1872b: 416 [stem: *Gallerucidi-*]. Type genus: *Gallerucidia* Chaudoir, 1872.

LEBIDIINA Jakobson, 1907: 394 [stem: *Lebidi-*]. Type genus: *Lebidia* Morawitz, 1862.

### **Subtribe LEBIINA Bonelli, 1810**

LEBIOTAE Bonelli, 1810: Tabula Synoptica [stem: *Lebi-*]. Type genus: *Lebia* Latreille, 1802.

ENCRATIDAE Gistel, 1856a: 355 [stem: *Encrat-*]. Type genus: *Encrates* Gistel, 1848 [syn. of *Lebia* Latreille, 1802].

LAMPRIADAE Chaudoir, 1871b: 115 [stem: *Lampri-*]. Type genus: *Lamprias* Bonelli, 1810. Comment: incorrect original stem formation, not in prevailing usage.

PHYSODÉRIDES Chaudoir, 1877: 213 [stem: *Physoder-*]. Type genus: *Physodera* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1883: 207, as *PHYSODERINAE*), generally accepted as in Lorenz (2005: 489, as *PHYSODERINA*).

### **Subtribe METALLICINA Basilewsky, 1984**

METALLICINI Basilewsky, 1984: 542 [stem: *Metallic-*]. Type genus: *Metallica* Chaudoir, 1872.

### **Subtribe NEMOTARSINA Bates, 1883**

NEMOTARSINAE H. W. Bates, 1883: 173 [stem: *Nemotars-*]. Type genus: *Nemotarsus* J. L. LeConte, 1853.

### **Subtribe PERICALINA Hope, 1838**

PERICALLIDAE Hope, 1838a: 105 [stem: *Perical-*]. Type genus: *Pericalus* W. S. MacLeay, 1825. Comment: incorrect original stem formation, not in prevailing usage.

- \*MORMOLYCITES Blanchard, 1845a: 366 [stem: *Mormolyc-*]. Type genus: *Mormolyce* Hagenbach, 1825. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1845a).
- COSTODÉRIDES Chaudoir, 1848: 116 [stem: *Coptoder-*]. Type genus: *Coptodera* Dejean, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1871: 30, as COPTODERINAE), generally accepted as in Handlirsch (1925: 547, as COPTODERINI); incorrect stem formation, not in prevailing usage.
- MORMOLYCIDAE Desmarest, 1851: 62 [stem: *Mormolyc-*]. Type genus: *Mormolyce* Hagenbach, 1825.
- THYRÉOPTÉRIDES Chaudoir, 1869: 113 [stem: *Thyreopter-*]. Type genus: *Thyreopterus* Dejean, 1831. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Bertkau (1878: 417, as THYREOPTERINI), generally accepted as in Jeannel (1950b: 165, as THYREOPTERIDAE).
- EUCHEILINAE H. W. Bates, 1883: 168 [stem: *Eucheil-*]. Type genus: *Eucheila* Dejean, 1829 [*Eucheila* is an incorrect subsequent spelling of the original spelling *Eucheyla*, in prevailing usage and so deemed to be the correct original spelling (Art. 33.3.1)].
- MISCELINI Sloane, 1907b: 473 [stem: *Miscel-*]. Type genus: *Miscelus* Klug, 1834.
- PERIGLOSSIINAE Liebke, 1929: 247 [stem: *Periglossi-*]. Type genus: *Periglossium* Liebke, 1929 [syn. of *Inna* Putzeys, 1861].
- CATASCOPI Csiki, 1932b: 1352 [stem: *Catascop-*]. Type genus: *Catascopus* Kirby, 1823. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Blackwelder (1944: 57) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).
- MISCELINI Jeannel, 1949c: 1006 [stem: *Miscel-*]. Type genus: *Miscelus* Klug, 1834. Comment: family-group name proposed as new without reference to MISCELINI Sloane, 1907.
- LOBODONTINI Jeannel, 1949c: 1007, in key [stem: *Lobodont-*]. Type genus: *Lobodontus* Chaudoir, 1842.
- THYSANOTINI Jeannel, 1949c: 947, in key [stem: *Thysanot-*]. Type genus: *Thysanotus* Chaudoir, 1848.
- SOMOTRICHINI Mateu, 1963: 125, in key [stem: *Somotrich-*]. Type genus: *Somotrichus* Seidlitz, 1887.

#### **Subtribe PSEUDOTRECHINA Basilewsky, 1984**

- PSEUDOTRECHINI Basilewsky, 1984: 555 [stem: *Pseudotrech-*]. Type genus: *Pseudotrechus* Rosenhauer, 1856.

**Subtribe SUGIMOTOINA Habu, 1975**

SUGIMOTOINA Habu, 1975: 77 [stem: *Sugimoto-*]. Type genus: *Sugimotoa* Habu, 1975.

**Subtribe TRICHINA Basilewsky, 1984**

TRICHINI Basilewsky, 1984: 549 [stem: *Trich-*]. Type genus: *Trichis* Klug, 1832.

**Tribe LICININI Bonelli, 1810**

LICINII Bonelli, 1810: Tabula Synoptica [stem: *Licin-*]. Type genus: *Licinus* Latreille, 1802.

**Subtribe DICAELINA Laporte, 1834**

DICOELIDAE Laporte, 1834b: 83 [stem: *Dicael-*]. Type genus: *Dicaelus* Bonelli, 1813 [as *Dicoelus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

REMBIDAE Gistel, 1848: [2] [stem: *Remb-*]. Type genus: *Rembus* W. S. MacLeay, 1825 [preoccupied genus name, not *Rembus* Germar, 1824 [Coleoptera: CURCULIONIDAE]; syn. of *Diplocheila* Brullé, 1834]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

\*SUBMERINI Lafer, 1989: 205 [stem: *Submer-*]. Type genus: *Submera* Habu, 1956. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Subtribe DICROCHILINA Ball, 1992**

DICROCHILINA Ball, 1992: 347 [stem: *Dicrochil-*]. Type genus: *Dicrochile* Guérin-Méneville, 1846.

**Subtribe LESTIGNATHINA Ball, 1992**

LESTIGNATHINA Ball, 1992: 347 [stem: *Lestignath-*]. Type genus: *Lestignathus* Erichson, 1842.

**Subtribe LICININA Bonelli, 1810**

LICINII Bonelli, 1810: Tabula Synoptica [stem: *Licin-*]. Type genus: *Licinus* Latreille, 1802.

BADISTIDAE Gistel, 1856a: 357 [stem: *Badister-*]. Type genus: *Badister* Clairville, 1806 [as *Badistes*, unjustified emendation of type genus name by Agassiz (1846b: 42), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

BADISTRITAE Jeannel, 1942: 999 [stem: *Badister-*]. Type genus: *Badister* Clairville, 1806 [as *Badistes*, unjustified emendation of type genus name by Agassiz (1846b: 42), not in prevailing usage]. Comment: family-group

name proposed as new without reference to BADISTIDAE Gistel, 1856; incorrect original stem formation, not in prevailing usage.

### **Tribe MELANCHITONINI Jeannel, 1948**

MELANODINI Alluaud, 1916: 228 [stem: *Melanod-*]. Type genus: *Melanodes* Chaudoir, 1876 [preoccupied type genus, not *Melanodes* Guenée, 1857 [Lepidoptera]; syn. of *Melanchiton* Basilewsky, 1946]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

MELANCHITONITAE Jeannel, 1948b: 627 [stem: *Melanchiton-*]. Type genus: *Melanchiton* Basilewsky, 1946. Comment: replacement name for MELANODINI Alluaud, 1916.

### **Tribe MICROCHEILINI Jeannel, 1948**

MICROCHILITAE Jeannel, 1948b: 616 [stem: *Microcheil-*]. Type genus: *Microcheila* Brullé, 1834 [as *Microchila*, unjustified emendation of type genus name by Agassiz (1846b: 233), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe MORIONINI Brullé, 1835**

MORIONIENS Brullé, 1835: 36 [stem: *Morion-*]. Type genus: *Morion* Latreille, 1810. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hope (1838a: 109, as MORIONIDAE [based on “*Morio* Latreille”, an incorrect subsequent spelling of the type genus name, see Madge (1989: 465)], generally accepted as in Lorenz (2005: 247, as MORIONINI).

### **Tribe ODACANTHINI Laporte, 1834**

ODACANTHIDAE Laporte, 1834b: 40 [stem: *Odacanth-*]. Type genus: *Odacantha* Paykull, 1798.

CASNONIAE J. L. LeConte, 1861: 21 [stem: *Cosnani-*]. Type genus: *Cosnania* Dejean, 1821 [as *Casnonia*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

COLLIURINI Bedel, 1910: 72 [stem: *Colliur-*]. Type genus: *Colliuris* DeGeer, 1774.

LASIOCERINI Jeannel, 1948b: 747, in key [stem: *Lasiocer-*]. Type genus: *Lasiocera* Dejean, 1831.

### **Tribe OMPHREINI Ganglbauer, 1891**

OMPHREINI Ganglbauer, 1891b: 26 [stem: *Omphre-*]. Type genus: *Omphreus* Dejean, 1828.

### **Tribe OODINI LaFerté-Sénectère, 1851**

OODITES LaFerté-Sénectère, 1851: 266 [stem: *Ood-*]. Type genus: *Oodes* Bonelli, 1810. Comment: original vernacular name available (Art. 11.7.2): first used in

latinized form by Bedel (1879: 52, as OODINI), generally accepted as in Lorenz (2005: 324, as OODINI).

THRYPTOCERINI Jeannel, 1949c: 841 [stem: *Thryptocer-*]. Type genus: *Thryptocerus* Chaudoir, 1878.

SPHAERODINI Jeannel, 1949c: 829, in key [stem: *Sphoerod-*]. Type genus: *Sphoerodes* Chaudoir, 1883 [as *Sphaerodes*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

SIMOINI Basilewsky, 1953a: 153 [stem: *Simo-*]. Type genus: *Simous* Chaudoir, 1882.

### **Tribe ORTHOGONIINI Schaum, 1857**

ORTHOGONIDEN Schaum, 1857b: 308 [stem: *Orthogoni-*]. Type genus: *Orthogonius* W. S. MacLeay, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Schaum (1860: 774, as ORTHOGONINI [incorrect stem formation]), generally accepted as in Lorenz (2005: 391, as ORTHOGONIINAE); incorrect original stem formation, not in prevailing usage.

### **Tribe PANAGAEINI Bonelli, 1810**

PANAGAEIDES Bonelli, 1810: Tabula Synoptica [stem: *Panagae-*]. Type genus: *Panagaeus* Latreille, 1802.

### **Subtribe BRACHYGNATHINA Basilewsky, 1946**

BRACHYGNATHINI Basilewsky, 1946: 7 [stem: *Brachygnath-*]. Type genus: *Brachygnathus* Perty, 1830.

### **Subtribe PANAGAEINA Bonelli, 1810**

PANAGAEIDES Bonelli, 1810: Tabula Synoptica [stem: *Panagae-*]. Type genus: *Panagaeus* Latreille, 1802.

### **Subtribe TEFFLINA Basilewsky, 1946**

TEFFLINI Basilewsky, 1946: 7 [stem: *Teffl-*]. Type genus: *Tefflus* Leach, 1819.

### **Tribe PELECIINI Chaudoir, 1880**

PÉLÉCIDES Chaudoir, 1880: 317 [stem: *Peleci-*]. Type genus: *Pelecium* Kirby, 1819.

### **Subtribe AGONICINA Sloane, 1920**

AGONICINI Sloane, 1920: 129 [stem: *Agonic-*]. Type genus: *Agonica* Sloane, 1920.

### **Subtribe PELECIINA Chaudoir, 1880**

PÉLÉCIDES Chaudoir, 1880: 317 [stem: *Peleci-*]. Type genus: *Pelecium* Kirby, 1819. Comment: original vernacular name available (Art. 11.7.2): first



used in latinized form by G. H. Horn (1881: 170, as PELECIINI), generally accepted as in Csiki (1932b: 1285, as PELECIINI); incorrect original stem formation, not in prevailing usage.

DISPHAERICINI Sloane, 1923a: 248 [stem: *Dispheric*]. Type genus: *Disphericus* G. R. Waterhouse, 1842 [as *Disphaericus*, unjustified emendation of type genus name by Agassiz (1846b: 127), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

### Tribe PENTAGONICINI Bates, 1873

PENTAGONICINAE H. W. Bates, 1873: 320 [stem: *Pentagonic*]. Type genus: *Pentagonica* Schmidt-Göbel, 1846.

SCOPODINAE H. W. Bates, 1874b: 275 [stem: *Scopod*]. Type genus: *Scopodes* Erichson, 1842.

### Tribe PERIGONINI Horn, 1881 *nomen protectum*

TRECHICHINAE H. W. Bates, 1873: 281 [stem: *Trechic*]. Type genus: *Trechicus* J. L. LeConte, 1853 [as *Trechichus*, incorrect subsequent spelling of type genus name, not in prevailing usage; subgenus of *Perigona* Laporte, 1835]. Comment: *nomen oblitum* (see Appendix 1); incorrect original stem formation, not in prevailing usage.

PERIGONAE G. H. Horn, 1881: 143 [stem: *Perigon*]. Type genus: *Perigona* Laporte, 1835. Comment: *nomen protectum* (see Appendix 1).

### Tribe PHYSOCROTAPHINI Chaudoir, 1863

PHYSOCROTAPHIDES Chaudoir, 1863: 303 [stem: *Physocrotaph*]. Type genus: *Physocrotaphus* Parry, 1849. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1892: 388, as PHYSOCROTAPHINAE), generally accepted as in B. P. Moore (1998: 369, as PHYSOCROTAPHINI).

HELLUODINI Csiki, 1932b: 1571 [stem: *Helluod*]. Type genus: *Helluodes* Westwood, 1847. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Darlington (1968: 222) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

### Tribe PLATYNINI Bonelli, 1810

PLATYNII Bonelli, 1810: Tabula Synoptica [stem: *Platyn*]. Type genus: *Platynus* Bonelli, 1810. Comment: First Reviser found (PLATYNINA Bonelli, 1810 vs ANCHOMENINA Bonelli, 1810) is Jakobson (1906: 317).

ANCHOMENII Bonelli, 1810: Tabula Synoptica [stem: *Anchomen*]. Type genus: *Anchomenus* Bonelli, 1810.

SERICODIADAE Kirby, 1837: 14 [stem: *Sericod*]. Type genus: *Sericoda* Kirby, 1837.

- AGONIDAE Kirby, 1837: 23 [stem: *Agonum*-]. Type genus: *Agonum* Bonelli, 1810 [placed on the Official List of Generic Names in Zoology (ICZN 1996d)]. Comment: senior homonym of AGONIDAE Swainson, 1839 (type genus *Agonus* Bloch and Schneider, 1801) in Pisces; AGONIDAE Kirby, 1837 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1996d), stem emended to *Agonum*- and AGONUMIDAE Kirby, 1837 placed on the Official List of Family-Group Names in Zoology (ICZN 1996d).
- COLPODIDAS Chaudoir, 1872a: 285 [stem: *Colpod*-]. Type genus: *Colpodes* W. S. MacLeay, 1825. Comment: the original spelling COLPODIDAS is the accusative (Latin) form of and COLPODIDAE was recognized as such by Madge (1989: 463); COLPODIDAE Poche, 1913 (type genus *Colpoda* Müller, 1773) has been used as valid in Protista as recently as in 2006; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).
- AGELAEINA Jakobson, 1907: 334 [stem: *Agelae*-]. Type genus: *Agelaea* Gené, 1839.
- PROSPHODRINI J. M. Valentine, 1987: 74 [stem: *Prospodr*-]. Type genus: *Prospodrus* Britton, 1959.
- MELEAGROSINI Morvan, 2004: 2 [stem: *Meleagr*-]. Type genus: *Meleagros* Kirschhofer, 1999. Comment: incorrect original stem formation, not in prevailing usage.

### Tribe PSEUDOMORPHINI Hope, 1838

- HETEROMORPHIDAE Hope, 1838a: 108 [stem: *Pseudomorph*-]. Type genus: *Pseudomorpha* Kirby, 1823 [as *Heteromorpha*, incorrect original spelling of type genus name, not in prevailing usage]. Comment: this family-group name is based on an incorrect original spelling of the name of its type genus (*Heteromorpha*) and must be corrected (ICZN 1999a: Article 35.4.1); Kirby (1823a) originally used two different names for the type genus, *Pseudomorpha* (in the description on p. 98) and *Heteromorpha* (in the explanation of the figures on p. 109). Both names are considered different original spellings of the same name. Kirby reissued the paper later the same year in another journal, without the plate, and so only *Pseudomorpha* was used; as such, Kirby (1823b) is the “First Reviser” and *Pseudomorpha* is the correct original spelling (ICZN 1999a: Article 24.2.4), therefore HETEROMORPHIDAE Hope, 1838 is corrected to PSEUDOMORPHIDAE Hope, 1838.

### Tribe PTEROSTICHINI Bonelli, 1810

- PTEROSTICHII Bonelli, 1810: Tabula Synoptica [stem: *Pterostich*-]. Type genus: *Pterostichus* Bonelli, 1810.

### Subtribe ABACOMORPHINA Tschitschérine, 1902

- ABACOMORPHINI Tschitschérine, 1902: 507 [stem: *Abacomorph*-]. Type genus: *Abacomorphus* Chaudoir, 1878. Comment: First Reviser (ABACOMORPHINA Tschitschérine, 1902 vs SPHODROSOMINA Tschitschérine, 1902) not determined, current usage maintained.

SPHODROSOMINI Tschitschérine, 1902: 507 [stem: *Sphodrosom-*]. Type genus: *Sphodrosomus* Perroud and Montrouzier, 1864.

### **Subtribe EUCHROINA Chaudoir, 1874**

EUCHROIDES Chaudoir, 1874: 16 [stem: *Euchro-*]. Type genus: *Euchroa* Brullé, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Tschitschérine (1899: 84, as EUCHROINI), generally accepted as in Frania and Ball (2007: 12, as EUCHROINA).

### **Subtribe METIINA Straneo, 1951**

ANTARCTIIDES Lacordaire, 1854a: 336 [stem: *Antarcti-*]. Type genus: *Antarctia* Dejean, 1828 [preoccupied genus name, not *Antarctia* Hübner, 1820 [Lepidoptera]; syn. of *Metius* Curtis, 1838]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Reed (1874: 58, as ANTARCTIINAE), generally accepted as in Jeannel (1942: 734, as ANTARCTIITAE); permanently invalid (Art. 39): based on preoccupied type genus.

METIINI Straneo, 1951: 56 [stem: *Meti-*]. Type genus: *Metius* Curtis, 1838.

KUSCHELININI Jeannel, 1967: 437 [stem: *Kuschelin-*]. Type genus: *Kuschelinus* Straneo, 1963.

### **Subtribe MICROCEPHALINA Tschitschérine, 1898**

MICROCEPHALIDES Tschitschérine, 1898: 46 [stem: *Microcephal-*]. Type genus: *Microcephalus* Dejean, 1828. Comment: the older name MICROCEPHALI Latreille, 1825: 345 is unavailable (Art. 11.7.1.1) because it is not based on an available generic name [descriptive name for a group of STAPHYLINIDAE including *Tachyporus* and other genera with relatively small heads].

TICHONIINI Semenov, 1904a: 201 [stem: *Tichoni-*]. Type genus: *Tichonia* Semenov, 1904 [preoccupied genus name, not *Tichonia* Hübner, 1826 [Lepidoptera]; syn. of *Microcephalus* Dejean, 1828]. Comment: replacement name for MICROCEPHALINI Tschitschérine, 1898 because of the homonymy of the type genus; permanently invalid (Art. 39): based on preoccupied type genus.

TICHONILLINA Emden, 1958: 24 [stem: *Tichonill-*]. Type genus: *Tichonilla* Strand, 1942 [syn. of *Microcephalus* Dejean, 1828].

### **Subtribe PTEROSTICHINA Bonelli, 1810**

PTEROSTICHII Bonelli, 1810: Tabula Synoptica [stem: *Pterostich-*]. Type genus: *Pterostichus* Bonelli, 1810. Comment: First Reviser (PTEROSTICHINA Bonelli, 1810 vs POECILINA Bonelli, 1810 vs MOLOPINA Bonelli, 1810) not determined, current usage maintained.

POECILII Bonelli, 1810: Tabula Synoptica [stem: *Poecil-*]. Type genus: *Poecilus* Bonelli, 1810.

- MOLOPIDES Bonelli, 1810: Tabula Synoptica [stem: *Molop-*]. Type genus: *Molops* Bonelli, 1810.
- FÉRONIENS Dejean, 1825: 3 [stem: *Feroni-*]. Type genus: *Feronia* Latreille, 1816 [syn. of *Poecilus* Bonelli, 1810]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Thon (1827: 15, as FERONIAE), generally accepted as in Schaum (1857a: 136, as FERONIDAE).
- TROGONOTOMIDAE Laporte, 1834b: 75 [stem: *Trigonotom-*]. Type genus: *Trigonotoma* Dejean, 1828. Comment: the original spelling was TROGONOTOMIDAE, but this was apparently a typographical error since both the vernacular spelling (TRIGONOTOMITES) and the genus name (*Trigonotoma*) were spelled with the stem “*Trigonotom-*” on the same page.
- CATADROMIENS Brullé, 1834: 277, 328 [stem: *Catadrom-*]. Type genus: *Catadromus* W. S. MacLeay, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Desmarest (1851: 143, as CATADROMIDAE).
- THALIADAE Hope, 1838a: 71 [stem: *Thali-*]. Type genus: *Thalia* Hope, 1838 [preoccupied genus name, not *Thalia* Blumenbach, 1827 [Tunicata]; syn. of *Poecilus* Bonelli, 1810]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- STOMIDAE Chaudoir, 1846: 514 [stem: *Stomid-*]. Type genus: *Stomis* Clairville, 1806. Comment: incorrect original stem formation, not in prevailing usage.
- RHATHYMINAE H. W. Bates, 1891b: cccxxxiv [stem: *Rathym-*]. Type genus: *Rathymus* Dejean, 1831 [as *Rhathymus*, unjustified emendation of type genus name by Agassiz (1846b: 321), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.
- TRIGONOGNATHIDES Tschitschérine, 1898: 66 [stem: *Trigonognath-*]. Type genus: *Trigonognatha* Motschulsky, 1858.
- PLATYSMATINI Tschitschérine, 1899: 84 [stem: *Platysmat-*]. Type genus: *Platysma* Bonelli, 1810.
- CYRTODERINI Tschitschérine, 1902: 506 [stem: *Cyrtoder-*]. Type genus: *Cyrtoderus* Hope, 1842.
- DARODILIINI Tschitschérine, 1902: 506 [stem: *Darodili-*]. Type genus: *Darodilia* Laporte, 1867.
- DELINIINI Tschitschérine, 1902: 506 [stem: *Delini-*]. Type genus: *Delinius* Westwood, 1864.
- CYPHOSOMATINI Tschitschérine, 1902: 507 [stem: *Cyphosomat-*]. Type genus: *Cyphosoma* Hope, 1842 [preoccupied genus name, not *Cyphosoma* Mannerheim, 1837 [Coleoptera: BUPRESTIDAE]; syn. of *Cratogaster* Blanchard, 1853]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- MYADINA Jakobson, 1907: 334 [stem: *Myad-*]. Type genus: *Myas* Sturm, 1826.
- CRATOGASTRI Csiki, 1929: 524 [stem: *Cratogastr-*]. Type genus: *Cratogaster* Blanchard, 1843.

ABAXINI Schuler, 1970: 115 [stem: *Abac*-]. Type genus: *Abax* Bonelli, 1810.

Comment: incorrect original stem formation, not in prevailing usage.

ARISTOCHROODINI Sciaky, 1996: 437 [stem: *Aristochrood*-]. Type genus: *Aristochroodes* Marcilhac, 1993.

### **Tribe SPHODRINI Laporte, 1834**

SPHODRIDAE Laporte, 1834b: 78 [stem: *Sphodr*-]. Type genus: *Sphodrus* Clairville, 1806. Comment: published before 9 August 1834; First Reviser found (SPHODRINI Laporte, 1834 vs CALATHINI Laporte, 1834) is Habu (1978: 296).

### **Subtribe ATRANOPSINA Baehr, 1982**

ATRANOPSINA Baehr, 1982: 265 [stem: *Atranops*-]. Type genus: *Atranopsis* Baehr, 1982. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Atranopse*-).

\*PLATYDERINA Baehr, 1982: 265 [stem: *Platyder*-]. Type genus: *Platyderes* Stephens, 1827. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### **Subtribe CALATHINA Laporte, 1834**

CALATHIDAE Laporte, 1834b: 71 [stem: *Calath*-]. Type genus: *Calathus* Bonelli, 1810.

### **Subtribe DOLICHINA Brullé, 1834**

DOLICHIENS Brullé, 1834: 295 [stem: *Dolich*-]. Type genus: *Dolichus* Bonelli, 1810. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hope (1838a: 72, as DOLICHIDAE), generally accepted as in Lorenz (2005: 399, as DOLICHINA); published “31 Dec” 1834, therefore SPHODRINI Laporte, 1834 and CALATHINI Laporte, 1834 have priority over this name for the tribe name.

### **Subtribe PRISTOSIINA Lindroth, 1956**

PRISTOSIAE Lindroth, 1956: 489, in key [stem: *Pristosi*-]. Type genus: *Pristosia* Motschulsky, 1865.

\*EUCALATHI Lindroth, 1956: 489, in key [stem: *Eucalath*-]. Type genus: *Eucalathus* H. W. Bates, 1883 [syn. of *Pristosia* Motschulsky, 1865]. Comment: family-group name unavailable (Art. 11.6): originally published as synonym and not made available subsequently.

### **Subtribe SPHODRINA Laporte, 1834**

SPHODRIDAE Laporte, 1834b: 78 [stem: *Sphodr*-]. Type genus: *Sphodrus* Clairville, 1806.



PRISTONYCHIDAE Gistel, 1848: [2] [stem: *Pristonych-*]. Type genus: *Pristonychus* Dejean, 1828.

\*LAEMOSTENINA Baehr, 1982: 265 [stem: *Laemosten-*]. Type genus: *Laemostenus* Bonelli, 1810. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### **Subtribe SYNUCHINA Lindroth, 1956**

SYNUCHI Lindroth, 1956: 489, in key [stem: *Synuch-*]. Type genus: *Synuchus* Gyllenhal, 1810.

### **Tribe XENAROSWELLIANINI Erwin, 2007**

XENAROSWELLANINI Erwin, 2007: 563 [stem: *Xenaroswellian-*]. Type genus: *Xenaroswelliana* Erwin, 2007. Comment: the original spelling XENAROSWELLANINI is considered a *lapsus calami* and the stem is corrected to *Xenaroswellian-* here.

### **Tribe ZABRINI Bonelli, 1810**

ZABRIDES Bonelli, 1810: Tabula Synoptica [stem: *Zabr-*]. Type genus: *Zabrus* Clairville, 1806.

### **Subtribe AMARINA Zimmermann, 1832**

AMAROIDEN C. Zimmermann, 1832: 6 [stem: *Amar-*]. Type genus: *Amara* Bonelli, 1810. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Laporte (1834b: 78, as AMARIDAE), generally accepted as in Hieke (2003: 547, as AMARINA).

ISOPLEURIDAE Kirby, 1837: 49 [stem: *Isopleur-*]. Type genus: *Isopleurus* Kirby, 1837 [syn. of *Celia* C. Zimmermann, 1832].

AGRONOMAEIDAE Gistel, 1848: [2] [stem: *Agronom-*]. Type genus: *Agronoma* Gistel, 1848 [*Carabus familiaris* Duftschmid, 1812, one of the species originally included, is here chosen as type species of *Agronoma* Gistel, 1848; **syn. nov.** of *Amara* Bonelli, 1810]. Comment: **syn. nov.**; incorrect original stem formation, not in prevailing usage.

PANGETEIDAE Gistel, 1856a: 358 [stem: *Panget-*]. Type genus: *Pangetes* Gistel, 1856 [syn. of *Amara* Bonelli, 1810]. Comment: incorrect original stem formation, not in prevailing usage.

### **Subtribe ZABRINA Bonelli, 1810**

ZABRIDES Bonelli, 1810: Tabula Synoptica [stem: *Zabr-*]. Type genus: *Zabrus* Clairville, 1806.

### **Tribe ZUPHIINI Bonelli, 1810**

ZUPHIETAE Bonelli, 1810: Tabula Synoptica [stem: *Zuphi-*]. Type genus: *Zuphium* Latreille, 1806.

**Subtribe DICRODONTINA Machado, 1992**

DICRODONTINI Machado, 1992: 569 [stem: *Dicrodont*]. Type genus: *Dicrodontus* Chaudoir, 1872.

**Subtribe LELEUPIDIINA Basilewsky, 1951**

LELEUPIDIINI Basilewsky, 1951a: 178 [stem: *Leleupidi*]. Type genus: *Leleupidia* Basilewsky, 1951.

**Subtribe METAZUPHIINA Mateu, 1992**

METAZUPHIINA Mateu, 1992: 198, in key [stem: *Metazuphi*]. Type genus: *Metazuphium* Mateu, 1992.

**Subtribe MISCHOCEPHALINA Mateu, 1992**

MISCHOCEPHALINA Mateu, 1992: 198, in key [stem: *Mischocephal*]. Type genus: *Mischocephalus* Chaudoir, 1863. Comment: this name was incorrectly spelled MISCHOCEPHALIINA in the key on page 198 but correctly spelled MISCHOCEPHALINA on p. 203 of the same publication.

**Subtribe PATRIZIINA Basilewsky, 1953**

PATRIZIINI Basilewsky, 1953b: 266 [stem: *Patrizi*]. Type genus: *Patrizia* Al-laud, 1931.

**Subtribe ZUPHIINA Bonelli, 1810**

ZUPHIETAE Bonelli, 1810: Tabula Synoptica [stem: *Zuphi*]. Type genus: *Zuphium* Latreille, 1806.

\*POLYSTICHIDES Chaudoir, 1863: 308 [stem: *Polistich*]. Type genus: *Polistichus* Bonelli, 1810 [as *Polystichus*, unjustified emendation of type genus name by Agassiz (1846b: 301), not in prevailing usage]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chaudoir (1863); incorrect original spelling of family-group name, not in prevailing usage.

POLYSTICHINAE H. W. Bates, 1886: 199 [stem: *Polistich*]. Type genus: *Polistichus* Bonelli, 1810 [as *Polystichus*, unjustified emendation of type genus name by Agassiz (1846b: 301), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

**Family HALIPLIDAE Aubé, 1836**

HALIPLIDES Aubé, 1836: 15 [stem: *Halipl*]. Type genus: *Haliplus* Latreille, 1802. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Erichson (1837: 183, as HALIPLINI), generally accepted as in Lawrence and Newton (1995: 807, as HALIPLIDAE).

PELTODYTINAE Böving and Craighead, 1931: 17 [stem: *Peltodyt*]. Type genus: *Peltodytes* Régimbart, 1879.

BRYCHIIINI Ádám, 1996: 15 [stem: *Brychi-*]. Type genus: *Brychius* C. G. Thomson, 1859.

†**Family TRIAPLIDAE Ponomarenko, 1977**

TRIAPLIDAE Ponomarenko, 1977: 17 [stem: *Triapl-*]. Type genus: *Triaplus* Ponomarenko, 1977.

†**Family COLYMBOTETHIDAE Ponomarenko, 1994**

COLYMBOTETHIDAE Ponomarenko, 1994: 188 [stem: *Colymboteth-*]. Type genus: *Colymbotethis* Ponomarenko, 1994.

†**Family PARAHYGROBIIDAE Ponomarenko, 1977**

PARAHYGROBIIDAE Ponomarenko, 1977: 19 [stem: *Parahygrobi-*]. Type genus: *Parahygrobia* Ponomarenko, 1977.

†**Family COPTOCLAVIDAE Ponomarenko, 1961**

COPTOCLAVIDAE Ponomarenko, 1961: 68 [stem: *Coptoclav-*]. Type genus: *Coptoclava* Ping, 1928.

†**Subfamily NECRONECTINAE Ponomarenko, 1977**

NECRONECTINAE Ponomarenko, 1977: 22 [stem: *Necronect-*]. Type genus: *Necronectes* Ponomarenko, 1977 [syn. of *Timarchopsis* Brauer, Redtenbacher and Ganglbauer, 1889].

†**Subfamily CHARONOSCAPHINAE Ponomarenko, 1977**

CHARONOSCAPHINAE Ponomarenko, 1977: 32 [stem: *Charonoscap-*]. Type genus: *Charonoscapa* Ponomarenko, 1977.

†**Subfamily COPTOCLAVINAE Ponomarenko, 1961**

COPTOCLAVIDAE Ponomarenko, 1961: 68 [stem: *Coptoclav-*]. Type genus: *Coptoclava* Ping, 1928.

†**Subfamily COPTOCLAVISCINAE Soriano, Ponomarenko and Delclos, 2007**

COPTOCLAVISCINAE Soriano et al., 2007: 532 [stem: *Coptoclavisc-*]. Type genus: *Coptoclavisca* Ponomarenko, 1987.

†**Subfamily HISPANOCLAVINAE Soriano, Ponomarenko and Delclos, 2007**

HISPANOCLAVINAE Soriano et al., 2007: 527 [stem: *Hispanoclav-*]. Type genus: *Hispanoclava* Soriano, Ponomarenko and Delclos, 2007.

†**Family LIADYTIDAE Ponomarenko, 1977**

LIADYTIDAE Ponomarenko, 1977: 37 [stem: *Liadyt-*]. Type genus: *Liadytes* Ponomarenko, 1977.

**Family MERUIDAE Spangler and Steiner, 2005**

MERUIDAE Spangler and Steiner, 2005: 351 [stem: *Meru*-]. Type genus: *Meru* Spangler and Steiner, 2005.

**Family NOTERIDAE Thomson, 1860**

NOTERIDES C. G. Thomson, 1860: 34 [stem: *Noter*-]. Type genus: *Noterus* Clairville, 1806.

**Subfamily NOTERINAE Thomson, 1860**

NOTERIDES C. G. Thomson, 1860: 34 [stem: *Noter*-]. Type genus: *Noterus* Clairville, 1806.

**Tribe NEOHYDROCOPTINI Zalat, Saleh, Angus and Kaschef, 2000**

NEOHYDROCOPTINI Zalat et al., 2000: 11 [stem: *Neohydrocopt*-]. Type genus: *Neohydrocoptus* Satô, 1972.

**Tribe NOTERINI Thomson, 1860**

NOTERIDES C. G. Thomson, 1860: 34 [stem: *Noter*-]. Type genus: *Noterus* Clairville, 1806.

HYDROCANTHINI Sharp, 1880: cxlviii [stem: *Hydrocanth*-]. Type genus: *Hydrocanthus* Say, 1823.

SUPHISINI Sharp, 1880: cxlviii [stem: *Suphid*-]. Type genus: *Suphis* Aubé, 1836.  
Comment: incorrect original stem formation, not in prevailing usage.

**Tribe PRONOTERINI Nilsson, 2005**

PRONOTERINI Nilsson, 2005: 90 [stem: *Pronoter*-]. Type genus: *Pronoterus* Sharp, 1882.

**Tribe TONERINI Miller, 2009**

TONERINI K. B. Miller, 2009: 201 [stem: *Toner*-]. Type genus: *Tonerus* K. B. Miller, 2009.

**Subfamily NOTOMICRINAE Zimmermann, 1919**

NOTOMICRINI A. Zimmermann, 1919: 110 [stem: *Notomicr*-]. Type genus: *Notomicrus* Sharp, 1882.

**Subfamily PHREATODYTINAE Uéno, 1957**

PHREATODYTIDAE Uéno, 1957: 251 [stem: *Phreatodyt*-]. Type genus: *Phreatodytes* Uéno, 1957.

**Family AMPHIZOIDAE LeConte, 1853**

AMPHIZOIDAE J. L. LeConte, 1853a: 227 [stem: *Amphizo*-]. Type genus: *Amphizoa* J. L. LeConte, 1853.

**Family ASPIDYTIDAE Ribera, Beutel, Balke and Vogler, 2002**

ASPIDYTIDAE Ribera et al., 2002: 2354 [stem: *Aspidyt-*]. Type genus: *Aspidytes* Ribera, Beutel, Balke and Vogler, 2002.

**Family HYGROBIIDAE Régimbart, 1879 (1837)**

PELOBIINAE Erichson, 1837: 182 [stem: *Paelobi-*]. Type genus: *Paelobius* Schönherr, 1808 [as *Pelobius*, unjustified emendation of type genus name by Erichson (1832: 45); syn. of *Hygrobia* Latreille, 1804]. Comment: use of younger family-group name HYGROBIIDAE Régimbart, 1879 conserved (Art. 40.2) (see Lawrence and Newton 1995: 808); incorrect original stem formation, not in prevailing usage.

HYGROBIINAE Régimbart, 1879: 449 [stem: *Hygrobi-*]. Type genus: *Hygrobia* Latreille, 1804 [the original spelling of the type genus, *Hygriobia*, has been corrected to *Hygrobia* and *Hygrobia* Latreille, 1804 placed on the Official List of Generic Names in Zoology (ICZN 1954)]. Comment: use of this name conserved over the older name PAELOBIIDAE Erichson, 1837 (Art. 40.2) (see Lawrence and Newton 1995: 808).

**Family DYTISCIDAE Leach, 1815**

DYTICIDES Leach, 1815: 84 [stem: *Dytisc-*]. Type genus: *Dytiscus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1961e)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1961e, as DYTISCIDAE Leach, 1817).

**Subfamily AGABINAE Thomson, 1867**

AGABIDES C. G. Thomson, 1867: 84 [stem: *Agab-*]. Type genus: *Agabus* Leach, 1817.

AGABININI Crotch, 1873d: 385 [stem: *Agabin-*]. Type genus: *Agabinus* Crotch, 1873 [syn. of *Platambus* C. G. Thomson, 1859].

ILYBII Acloque, 1896: 81 [stem: *Ilybi-*]. Type genus: *Ilybius* Erichson, 1832.

HYDRONEBRIINI Guignot, 1948: 168, in key [stem: *Hydronebri-*]. Type genus: *Hydronebrius* Jakovlev, 1897. Comment: printed in the issue of November 1948; this family-group name was also used in the same year by C. Brinck (1948 [December]: 112, as HYDRONEBRIINI).

HYDROTRUPINAE Roughley, 2000: 52 [stem: *Hydrotrup-*]. Type genus: *Hydrotrupes* Sharp, 1882.

**Subfamily COLYMBETINAE Erichson, 1837**

COLYMBETINI Erichson, 1837: 149 [stem: *Colymbet-*]. Type genus: *Colymbetes* Clairville, 1806.

**Tribe ANISOMERIINI Brinck, 1948**

ANISOMERIINI C. Brinck, 1948: 112 [stem: *Anisomeri-*]. Type genus: *Anisomeria* C. Brinck, 1943.



**Tribe CARABDYTINI Pederzani, 1995**

CARABDYTINI Pederzani, 1995: 45, in key [stem: *Carabdyt-*]. Type genus: *Carabdytes* Balke, Hendrich and Wewalka, 1992.

**Tribe COLYMBETINI Erichson, 1837**

COLYMBETINI Erichson, 1837: 149 [stem: *Colymbet-*]. Type genus: *Colymbetes* Clairville, 1806.

CYMATOPTERINI Portevin, 1929: 198, in key [stem: *Cymatopter-*]. Type genus: *Cymatopterus* Dejean, 1833 [syn. of *Colymbetes* Clairville, 1806].

**Subfamily COPELATINAE Branden, 1885**

COPELATINI Branden, 1885: 82 [stem: *Copelat-*]. Type genus: *Copelatus* Erichson, 1832.

Comment: First Reviser (COPELATINI Branden, 1885 vs AGLYMBINI Branden, 1885 vs LACCONNECTINI Branden, 1885) not determined, current usage maintained.

AGLYMBINI Branden, 1885: 87 [stem: *Aglymb-*]. Type genus: *Aglymbus* Sharp, 1882.

LACCONNECTINI Branden, 1885: 87 [stem: *Lacconnect-*]. Type genus: *Lacconnectus* Motschulsky, 1855.

**Subfamily COPTOTOMINAE Branden, 1885**

COPTOTOMINI Branden, 1885: 88 [stem: *Coptotom-*]. Type genus: *Coptotomus* Say, 1830.

COPTOTOMINI C. Brinck, 1948: 112, 116 [stem: *Coptotom-*]. Type genus: *Coptotomus* Say, 1830. Comment: family-group name proposed as new without reference to COPTOTOMINI Branden, 1885.

**Subfamily DYTISCINAE Leach, 1815**

DYTICIDES Leach, 1815: 84 [stem: *Dytisc-*]. Type genus: *Dytiscus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1961e)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1961e, as DYTISCIDAE Leach, 1817).

**Tribe ACILIINI Thomson, 1867**

ACILIIDES C. G. Thomson, 1867: 84 [stem: *Acili-*]. Type genus: *Acilius* Leach, 1817 [placed on the Official List of Generic Names in Zoology (ICZN 1961e)].

THERMONECTINI Sharp, 1880: cl [stem: *Thermonect-*]. Type genus: *Thermonectus* Dejean, 1833.

GRAPHODERINI Houlbert, 1934: 126 [stem: *Graphoder-*]. Type genus: *Graphoderus* Dejean, 1833 [placed on the Official List of Generic Names in Zoology (ICZN 1961d)].

**Tribe AUBEHYDRINI Guignot, 1942**

AUBEHYDRINAE Guignot, 1942: 11 [stem: *Aubehydr-*]. Type genus: *Aubehydrus* Guignot, 1942 [syn. of *Notaticus* A. Zimmermann, 1928].

**Tribe CYBISTERINI Sharp, 1880**

CYBISTRINI Sharp, 1880: cl [stem: *Cybister*-]. Type genus: *Cybister* Curtis, 1827.

Comment: incorrect original stem formation, not in prevailing usage.

**Tribe DYTISCINI Leach, 1815**

DYTICIDES Leach, 1815: 84 [stem: *Dytisc*-]. Type genus: *Dytiscus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1961e)].

Comment: incorrect original stem formation, not in prevailing usage; name placed on the Official List of Family-Group Names in Zoology (ICZN 1961e, as DYTISCIDAE Leach, 1817).

**Tribe ERETINI Crotch, 1873**

ERETINI Crotch, 1873d: 385 [stem: *Eret*-]. Type genus: *Eretes* Laporte, 1833.

EUNECTINI Portevin, 1929: 208 [stem: *Eunect*-]. Type genus: *Eunectes* Erichson, 1832 [preoccupied genus name, not *Eunectes* Wagler, 1830 [Reptilia]; syn. of *Eretes* Laporte, 1833]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

**Tribe HYDATICINI Sharp, 1880**

HYDATICINI Sharp, 1880: cl [stem: *Hydatic*-]. Type genus: *Hydaticus* Leach, 1817.

**Tribe HYDERODINI Miller, 2000**

HYDERODINI K. B. Miller, 2000: 175 [stem: *Hyderod*-]. Type genus: *Hyderodes* Hope, 1838.

**Subfamily HYDRODYTINAE Miller, 2001**

HYDRODYTINAE K. B. Miller, 2001: 76 [stem: *Hydrodyt*-]. Type genus: *Hydrodytes* K. B. Miller, 2001.

**Subfamily HYDROPORINAE Aubé, 1836**

HYDROPORIDES Aubé, 1836: 15 [stem: *Hydropor*-]. Type genus: *Hydroporus* Clairville, 1806.

**Tribe BIDESSINI Sharp, 1880**

BIDESSINI Sharp, 1880: cxlviii [stem: *Bidess*-]. Type genus: *Bidessus* Sharp, 1882.

**Tribe CARABHYDRINI Watts, 1978**

CARABHYDRINI Watts, 1978: 26 [stem: *Carabhydr*-]. Type genus: *Carabhydrus* Watts, 1978.

**Tribe HYDROPORINI Aubé, 1836**

HYDROPORIDES Aubé, 1836: 15 [stem: *Hydropor*-]. Type genus: *Hydroporus* Clairville, 1806. Comment: original vernacular name available (Art. 11.7.2): first

used in latinized form by Erichson (1837: 166, as HYDROPORINI), generally accepted as in Nilsson (2003: 54, as HYDROPORINAE).

HYDROCOPTINI Branden, 1885: 13 [stem: *Hydrocopt-*]. Type genus: *Hydrocoptus* Motschulsky, 1853 [syn. of *Hydroporus* Clairville, 1806].

STERNOPRISCINI Branden, 1885: 38 [stem: *Sternoprisc-*]. Type genus: *Sternopriscus* Sharp, 1882.

SIETTITIINI Smrz, 1982: 289 [stem: *Siettiti-*]. Type genus: *Siettitia* Abeille de Perin, 1904.

DERONECTINI Galewski, 1994: 98, in key [stem: *Deronect-*]. Type genus: *Deronectes* Sharp, 1882.

### **Tribe HYDROVATINI Sharp, 1880**

HYDROVATINI Sharp, 1880: cxlviii [stem: *Hydrovat-*]. Type genus: *Hydrovatus* Motschulsky, 1853.

### **Tribe HYGROTINI Portevin, 1929**

HYGROTINI Portevin, 1929: 180 [stem: *Hygrot-*]. Type genus: *Hygrotus* Stephens, 1828.

### **Tribe HYPHYDRINI Gistel, 1848**

HYPHYDRIIDAE Gistel, 1848: [2] [stem: *Hyphydr-*]. Type genus: *Hyphydrus* Illiger, 1802. Comment: incorrect original stem formation, not in prevailing usage.

ACTOBAENIDAE Gistel, 1856a: 355 [stem: *Actobaen-*]. Type genus: *Actobaena* Gistel, 1856 [syn. of *Hyphydrus* Illiger, 1802].

PACHYDRINI Biström et al., 1997: 66 [stem: *Pachydr-*]. Type genus: *Pachydrus* Sharp, 1882.

### **Tribe LACCORNINI Wolfe and Roughley, 1990**

LACCORNINI Wolfe and Roughley, 1990: 302 [stem: *Laccorn-*]. Type genus: *Laccornis* Gozis, 1914. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Laccornith-*).

### **Tribe METHLINI Branden, 1885**

METHLIDAE Branden, 1885: 65 [stem: *Methl-*]. Type genus: *Methles* Sharp, 1882.

Comment: precedence (METHLINI Branden, 1885 vs CELININI Branden, 1885) given to taxon originally proposed at the higher rank (Art. 24.1).

CELININI Branden, 1885: 65 [stem: *Celin-*]. Type genus: *Celina* Aubé, 1837.

### **†Tribe SCHISTOMERINI Palmer, 1957**

SCHISTOMERINI Palmer, 1957: 259 [stem: *Schistomer-*]. Type genus: *Schistomerus* Palmer, 1957.

**Tribe VATELLINI Sharp, 1880**

VATELLINI Sharp, 1880: cxlviii [stem: *Vatell-*]. Type genus: *Vatellus* Aubé, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1992)].

**Subfamily LACCOPHILINAE Gistel, 1848**

LACCOPHILIDAE Gistel, 1848: [1] [stem: *Laccophil-*]. Type genus: *Laccophilus* Leach, 1815.

**Tribe AGABETINI Branden, 1885**

AGABETINI Branden, 1885: 87 [stem: *Agabet-*]. Type genus: *Agabetes* Crotch, 1873.

**Tribe LACCOPHILINI Gistel, 1848**

LACCOPHILIDAE Gistel, 1848: [1] [stem: *Laccophil-*]. Type genus: *Laccophilus* Leach, 1817.

**Subfamily LANCETINAE Branden, 1885**

LANCETINI Branden, 1885: 88 [stem: *Lancet-*]. Type genus: *Lancetes* Sharp, 1882.

**Subfamily MATINAE Branden, 1885**

MATINI Branden, 1885: 88 [stem: *Mat-*]. Type genus: *Matus* Aubé, 1836.

**†Subfamily PALAEOGYRININAE Schlechtendal, 1894**

PALAEOGYRINIDAE Schlechtendal, 1894: 200 [stem: *Palaeogyrin-*]. Type genus: *Palaeogyrinus* Schlechtendal, 1894.

**†Subfamily LIADYTISCINAE Prokin and Ren, 2010**

LIADYTISCINAE Prokin and Ren, 2010: 48 [stem: *Liadytisc-*]. Type genus: *Liadytiscus* Prokin and Ren, 2010.

**Suborder POLYPHAGA****Series STAPHYLINIFORMIA****Superfamily HYDROPHILOIDEA Latreille, 1802**

HYDROPHILII Latreille, 1802: 136 [stem: *Hydrophil-*]. Type genus: *Hydrophilus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].  
Comment: First Reviser (HYDROPHILOIDEA Latreille, 1802 vs SPHAERIDIOIDEA Latreille, 1802) not determined, current usage maintained.

**Family HYDROPHILIDAE Latreille, 1802**

HYDROPHILII Latreille, 1802: 136 [stem: *Hydrophil-*]. Type genus: *Hydrophilus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].  
Comment: First Reviser (HYDROPHILIDAE Latreille, 1802 vs SPHAERIDIIDAE Latreille, 1802) not determined, current usage maintained.

**Subfamily HELOPHORINAE Leach, 1815**

HELOPHERIDA Leach, 1815: 95 [stem: *Helophor*-]. Type genus: *Helophorus* Fabricius, 1775 [the original spelling *Elophorus* Fabricius, 1775 was considered an incorrect original spelling and placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1993b); *Helophorus* Fabricius, 1775 was placed on the Official List of Generic Names in Zoology (ICZN 1993b)]. Comment: published in April 1815; incorrect original stem formation, not in prevailing usage; this family-group name was also used in the same year by Rafinesque (1815 [between April 1815 and 21 July 1815]: 112, as ELOPHORIA).

**Subfamily EPIMETOPINAE Zaitzev, 1908**

EPIMETOPINA Zaitzev, 1908: 353 [stem: *Epimetop*-]. Type genus: *Epimetopus* Lacordaire, 1854.

**Subfamily GEORISSINAE Laporte, 1840**

GÉORISSITES Laporte, 1840b: 44 [stem: *Georiss*-]. Type genus: *Georissus* Latreille, 1809 [placed on the Official List of Generic Names in Zoology (ICZN 1998)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heer (1841a: 471, as GEORISSIDA), generally accepted as in Hansen (2004: 42, as GEORISSIDAE).

**Subfamily HYDROCHINAE Thomson, 1859**

HYDROCHIDAE C. G. Thomson, 1859: 15 [stem: *Hydroch*-]. Type genus: *Hydrochus* Leach, 1817.

**Subfamily SPERCHEINAE Erichson, 1837**

SPERCHEINI Erichson, 1837: 193 [stem: *Sperche*-]. Type genus: *Spercheus* Kugelann, 1798.

**Subfamily HORELOPHINAE Hansen, 1991**

HORELOPHINAE Hansen, 1991: 104 [stem: *Horeloph*-]. Type genus: *Horelophus* Orchymont, 1913.

**Subfamily HORELOPHOPSINAE Hansen, 1997**

HORELOPHOPSINAE Hansen, 1997: 108 [stem: *Horelophops*-]. Type genus: *Horelophopsis* Hansen, 1997. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Horelophopse*-).

**Subfamily HYDROPHILINAE Latreille, 1802**

HYDROPHILII Latreille, 1802: 136 [stem: *Hydrophil*-]. Type genus: *Hydrophilus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].



**Tribe ANACAENINI Hansen, 1991**

ANACAENINI Hansen, 1991: 129 [stem: *Anacaen-*]. Type genus: *Anacaena* C. G. Thomson, 1859.

**Tribe BEROSINI Mulsant, 1844**

BÉROSAIRES Mulsant, 1844: 97 [stem: *Beros-*]. Type genus: *Berosus* Leach, 1817 [placed on the Official List of Generic Names in Zoology (ICZN 1990a)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by C. G. Thomson (1859: 17, as BEROSINA), generally accepted as in Hansen (2004: 46, as BEROSINI).

DERALLINI Bertrand, 1967: 86, in key [stem: *Derall-*]. Type genus: *Derallus* Sharp, 1882.

**Tribe CHAETARTHRIINI Bedel, 1881**

\*CYLLIDIAIRES Mulsant, 1844: 143 [stem: *Cyllidi-*]. Type genus: *Cyllidium* Erichson, 1837 [syn. of *Chaetarthria* Stephens, 1835]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

CHAETARTHRIINI Bedel, 1881: 314 [stem: *Chaetarthri-*]. Type genus: *Chaetarthria* Stephens, 1835.

AMPHIOPITAE Kuwert, 1890: 120 [stem: *Amphiop-*]. Type genus: *Amphiops* Erichson, 1843.

**Tribe HYDROPHILINI Latreille, 1802**

HYDROPHILII Latreille, 1802: 136 [stem: *Hydrophil-*]. Type genus: *Hydrophilus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

**Subtribe ACIDOCERINA Zaitzev, 1908**

\*PHILHYDRATES Mulsant, 1844: 131 [stem: *Philydr-*]. Type genus: *Philydrus* Solier, 1834 [as *Philhydrus*, incorrect subsequent spelling of type genus name, not in prevailing usage; preoccupied genus name, not *Philydrus* Duftschmid, 1805 [Coleoptera: ELMIDAE]; syn. of *Enochrus* C. G. Thomson, 1859]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant (1844); incorrect original stem formation, not in prevailing usage.

PHILHYDRIDA J. E. LeConte, 1849: 27 [stem: *Philydr-*]. Type genus: *Philydrus* Solier, 1834 [as *Philhydrus*, incorrect subsequent spelling of type genus name, not in prevailing usage; preoccupied genus name, not *Philydrus* Duftschmid, 1805 [Coleoptera: ELMIDAE]; syn. of *Enochrus* C. G. Thomson, 1859]. Comment: incorrect original stem formation, not in prevailing usage; permanently invalid (Art. 39): based on preoccupied type genus.

HELOPELTINI G. H. Horn, 1873: 118 [stem: *Helopelt-*]. Type genus: *Helopeltis* G. H. Horn, 1873 [preoccupied genus name, not *Helopeltis* Signoret, 1858]

[Hemiptera]; syn. of *Helobata* Bergroth, 1888]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ACIDOCERINI Zaitzev, 1908: 353 [stem: *Acidocer-*]. Type genus: *Acidocerus* Klug, 1855.

HELOCHARAE Orchymont, 1919: 147 [stem: *Helochar-*]. Type genus: *Helochares* Mulsant, 1844 [placed on the Official List of Generic Names in Zoology (ICZN 1964)]. Comment: senior homonym of HELOCHARINI Metcalf, 1965 in Homoptera (type genus *Helochara* Fitch, 1851), the homopteran name does not appear to be available (Art. 13.1).

### **Subtribe GLOBULOSEINA García, 2001**

GLOBULINA García, 2001: 153 [stem: *Globulose-*]. Type genus: *Globulosis* García, 2001. Comment: incorrect original stem formation, not in prevailing usage.

### **Subtribe HYDROBIUSINA Mulsant, 1844**

HYDROBIAIRES Mulsant, 1844: 116 [stem: *Hydrobius-*]. Type genus: *Hydrobius* Leach, 1815 [placed on the Official List of Generic Names in Zoology (ICZN 1990a)]. Comment: spelling emended to *Hydrobius-* to avoid homonymy with HYDROBIIDAE Troschel, 1857 in Mollusca (type genus *Hydrobia* Hartmann, 1821) (ICZN 2003a); HYDROBIUSINA Mulsant, 1844 placed on the Official List of Family-Group Names in Zoology (ICZN 2003a); HYDROBIINA Mulsant, 1844 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 2003a); the family-group name HYDROBIA was used earlier by Rafinesque (1815: 110) but since the list of genera did not include *Hydrobius*, it was probably not based on that genus name.

### **Subtribe HYDROPHILINA Latreille, 1802**

HYDROPHILII Latreille, 1802: 136 [stem: *Hydrophil-*]. Type genus: *Hydrophilus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

HYDATOPHILIDAE Gistel, 1856a: 353 [stem: *Hydatophil-*]. Type genus: *Hydatophilus* Gistel, 1856 [syn. of *Hydrophilus* Geoffroy, 1762]. Comment: published by 18 February 1856; this family-group name was also used in the same year by Gistel (1856b [“31 December”]: 95, as HYDATOPHILIDA).

### **Tribe LACCOBIINI Houlbert, 1922**

LACCOBIINI Houlbert, 1922a: 154, in key [stem: *Laccobi-*]. Type genus: *Laccobius* Erichson, 1837. Comment: family-group name previously attributed to Bertrand (1954: 439; see Hansen 2004).

OOCYCLINI Hansen, 1991: 136 [stem: *Oocycl-*]. Type genus: *Oocyclus* Sharp, 1882.

**Tribe SPERCHOPSINI Hansen, 1991**

SPERCHOPSINI Hansen, 1991: 108 [stem: *Sperchops*-]. Type genus: *Sperchopsis* J. L. LeConte, 1861. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Sperchopse*-).

**Subfamily SPHAERIDIINAE Latreille, 1802**

SPHAERIDIOTA Latreille, 1802: 135 [stem: *Sphaeridi*-]. Type genus: *Sphaeridium* Fabricius, 1775.

**Tribe ANDOTYPINI Hansen, 1991**

ANDOTYPINI Hansen, 1991: 186 [stem: *Andotyp*-]. Type genus: *Andotypus* Spangler, 1979.

**Tribe BORBOROPHORINI Hansen, 1991**

BORBOROPHORINI Hansen, 1991: 190 [stem: *Borborophor*-]. Type genus: *Borborophorus* Hansen, 1990.

**Tribe COELOSTOMATINI Heyden, 1891 (1890)**

\*CYCLONOTIDES Motschulsky, 1857: 74 [stem: *Cyclonot*-]. Type genus: *Cyclonotum* Erichson, 1837 [syn. of *Coelostoma* Brullé, 1835]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1857).

CYCLONOTIDES G. H. Horn, 1890: 281 [stem: *Cyclonot*-]. Type genus: *Cyclonotum* Erichson, 1837 [syn. of *Coelostoma* Brullé, 1835]. Comment: use of younger family-group name COELOSTOMATINI L. Heyden, 1891 conserved (Art. 40.2).

COELOSTOMITAE L. Heyden, 1891: 71 [stem: *Coelostomat*-]. Type genus: *Coelostoma* Brullé, 1835. Comment: incorrect original stem formation, not in prevailing usage; use of family-group name conserved over CYCLONOTINI G. H. Horn, 1890 (Art. 40.2) (see Hansen 1991); Hansen (1991: 282) mentions that "CYCLONOTAIREs Rey, 1886" is the oldest name for this tribe but he used Art. 40b of the then Code to conserve usage of COELOSTOMATINI L. Heyden, 1891; we could not find any instance where the requirements of Art. 11.7.2 were met and therefore treat the vernacular name CYCLONOTAIREs as unavailable.

CYLLOMINA Zaitzev, 1908: 400 [stem: *Cylomat*-]. Type genus: *Cyloma* Sharp, 1872 [as *Cylloma*, unjustified emendation of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe MEGASTERNINI Mulsant, 1844**

MÉGASTERNAIREs Mulsant, 1844: 186 [stem: *Megastern*-]. Type genus: *Megasternum* Mulsant, 1844 [placed on the Official List of Generic Names in Zoology (ICZN 1981b)]. Comment: original vernacular name available (Art. 11.7.2):

first used in latinized form by G. H. Horn (1890: 307, as MEGASTERNI), generally accepted as in Hansen (2004: 61, as MEGASTERNINI).

CERCYONES G. H. Horn, 1890: 287 [stem: *Cercyon*]. Type genus: *Cercyon* Leach, 1817.

**Tribe OMICRINI Smetana, 1975**

OMICRINI Smetana, 1975: 155 [stem: *Omicr*]. Type genus: *Omicrus* Sharp, 1879.

**Tribe PROTOSTERNINI Hansen, 1991**

PROTOSTERNINI Hansen, 1991: 212 [stem: *Protostern*]. Type genus: *Protosternum* Sharp, 1890.

**Tribe RYGMODINI Orchymont, 1916**

RYGMODINI Orchymont, 1916: 238 [stem: *Rygmod*]. Type genus: *Rygmodus* A. White, 1846.

RYGMODINI Orchymont, 1919: 105 [stem: *Rygmod*]. Type genus: *Rygmodus* A. White, 1846. Comment: family-group name proposed as new without reference to RYGMODINI Orchymont, 1916.

**Tribe SPHAERIDIINI Latreille, 1802**

SPHAERIDIOTA Latreille, 1802: 135 [stem: *Sphaeridi*]. Type genus: *Sphaeridium* Fabricius, 1775. Comment: Latreille also used the incorrect original spelling SPHÉRIDIOTE on page 138 of the same work.

**Tribe TORMISSINI Hansen, 1991**

TORMISSINI Hansen, 1991: 181 [stem: *Tormiss*]. Type genus: *Tormissus* Broun, 1893.

**Family SPHAERITIDAE Shuckard, 1839**

SPHAERITIDAE Shuckard, 1839a: 149 [stem: *Sphaerit*]. Type genus: *Sphaerites* Duftschmid, 1805.

**Family SYNTELIIDAE Lewis, 1882**

SYNTELIIDAE Lewis, 1882: 137 [stem: *Synteli*]. Type genus: *Syntelia* Westwood, 1864.

**Family HISTERIDAE Gyllenhal, 1808**

HISTEROIDES Gyllenhal, 1808: 74 [stem: *Hister*]. Type genus: *Hister* Linnaeus, 1758.

**Subfamily NIPONIINAE Fowler, 1912**

NIPONIIDAE Fowler, 1912: 93 [stem: *Niponi*]. Type genus: *Niponius* Lewis, 1885.

**Subfamily ABRAEINAE MacLeay, 1819**

ABREIDAE W. S. MacLeay, 1819: 25 [stem: *Abrae*]. Type genus: *Abraeus* Leach, 1817.

**Tribe ABRAEINI MacLeay, 1819**

ABREIDAE W. S. MacLeay, 1819: 25 [stem: *Abrae-*]. Type genus: *Abraeus* Leach, 1817.

**Tribe ACRITINI Wenzel, 1944**

ACRITINI Wenzel, 1944: 55, in key [stem: *Acrit-*]. Type genus: *Acritus* J. L. LeConte, 1853.

**Tribe ACRITOMORPHINI Wenzel, 1944**

ACRITOMORPHINI Wenzel, 1944: 55, in key [stem: *Acritomorph-*]. Type genus: *Acritomorphus* Wenzel, 1944.

**Tribe PLEGADERINI Portevin, 1929**

PLEGADERINI Portevin, 1929: 601, in key [stem: *Plegader-*]. Type genus: *Plegaderus* Erichson, 1834.

**Tribe TERETRIINI Bickhardt, 1914**

TERETRIINAE Bickhardt, 1914: 306 [stem: *Teretri-*]. Type genus: *Teretrius* Erichson, 1834.

**Subfamily TRYPETICINAE Bickhardt, 1913**

TRYPETICINAE Bickhardt, 1913: 166 [stem: *Trypetic-*]. Type genus: *Trypeticus* Marseul, 1864.

**Subfamily TRYPANAEINAE Marseul, 1857**

TRYPANÉENS Marseul, 1857b: 148 [stem: *Trypanae-*]. Type genus: *Trypanaeus* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jakobson (1910: 638, as TRYPANAEINA), generally accepted as in Newton and Thayer (1992: 25, as TRYPANAEINAE); incorrect stem formation, not in prevailing usage.

**Subfamily SAPRININAE Blanchard, 1845**

SAPRINITES Blanchard, 1845a: 276 [stem: *Saprin-*]. Type genus: *Saprinus* Erichson, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Fairmaire and Laboulbène (1855: 273, as SAPRINII), generally accepted as in Mazur (2004: 90, as SAPRININAE).

MYRMETINI Portevin, 1929: 593 [stem: *Myrmet-*]. Type genus: *Myrmetes* Marseul, 1862.

**Subfamily DENDROPHILINAE Reitter, 1909**

DENDROPHILINI Reitter, 1909: 288 [stem: *Dendrophil-*]. Type genus: *Dendrophilus* Leach, 1817. Comment: First Reviser (DENDROPHILINAE Reitter, 1909 vs PAROMALINAE Reitter, 1909) not determined, current usage maintained.



**Tribe ANAPLEINI Olexa, 1982**

ANAPLEINI Olexa, 1982: 38 [stem: *Anaple-*]. Type genus: *Anapleus* G. H. Horn, 1873.

**Tribe BACANIINI Kryzhanovskij, 1976**

\*BACANIINI Vienna, 1974: 273 [stem: *Bacani-*]. Type genus: *Bacanius* J. L. LeConte, 1853. Comment: unavailable name (Art. 13.1): proposed after 1930 without description or bibliographic reference to such a description.

BACANIINI Kryzhanovskij, 1976: 266 [stem: *Bacani-*]. Type genus: *Bacanius* J. L. LeConte, 1853.

**Tribe DENDROPHILINI Reitter, 1909**

DENDROPHILINI Reitter, 1909: 288 [stem: *Dendrophil-*]. Type genus: *Dendrophilus* Leach, 1817.

**Tribe PAROMALINI Reitter, 1909**

PAROMALINI Reitter, 1909: 287 [stem: *Paromal-*]. Type genus: *Paromalus* Erichson, 1834.

**Subfamily ONTHOPHILINAE MacLeay, 1819**

ONTHOPHILIDAE W. S. MacLeay, 1819: 25 [stem: *Onthophil-*]. Type genus: *Onthophilus* Leach, 1817.

SCOLYTINI Jakobson, 1911a: 652 [stem: *Scolyt-*]. Type genus: *Scolytus* Müller, 1764 [preoccupied genus name, not *Scolytus* Geoffroy, 1762 [Coleoptera: CURCULIONIDAE]; syn. of *Onthophilus* Leach, 1817]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

**Subfamily TRIBALINAE Bickhardt, 1914**

TRIBALINI Bickhardt, 1914: 307 [stem: *Tribal-*]. Type genus: *Tribalus* Erichson, 1834.

**Subfamily HISTERINAE Gyllenhal, 1808**

HISTEROIDES Gyllenhal, 1808: 74 [stem: *Hister-*]. Type genus: *Hister* Linnaeus, 1758.

**Tribe EXOSTERNINI Bickhardt, 1914**

EXOSTERNINI Bickhardt, 1914: 308 [stem: *Exostern-*]. Type genus: *Exosternus* Lewis, 1902.

**Tribe HISTERINI Gyllenhal, 1808**

HISTEROIDES Gyllenhal, 1808: 74 [stem: *Hister-*]. Type genus: *Hister* Linnaeus, 1758. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Histr-*).

**Tribe HOLOLEPTINI Hope, 1840**

HOLOLEPTIDAE Hope, 1840a: 106 [stem: *Hololept-*]. Type genus: *Hololepta* Paykull, 1811. Comment: W. S. MacLeay (1819: 25) published the name OMOLEPTIDAE, presumably as a *lapsus calami* for HOLOLEPTIDAE, but he did not cite the type genus, nor did he use the family-group name subsequently; in the absence of validating evidence we treat OMOLEPTIDAE as a *nomen dubium*.

**Tribe OMALODINI Kryzhanovskij, 1972**

\*OMALODINI A. N. Reichardt, 1941: 37 [stem: *Omalod-*]. Type genus: *Omalodes* Dejean, 1833. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

OMALODINI Kryzhanovskij, 1972: 19 [stem: *Omalod-*]. Type genus: *Omalodes* Dejean, 1833.

**Tribe PLATYSOMATINI Bickhardt, 1914**

PLATYSOMINI Bickhardt, 1914: 307 [stem: *Platysomat-*]. Type genus: *Platysoma* Leach, 1817. Comment: incorrect original stem formation, not in prevailing usage; correction of original spelling by Mazur (1973); the corrected spelling should be used in order to avoid homonymy with PLATYSOMIDAE Young, 1866 (type genus *Platysomus* Agassiz, 1833) in Pisces.

ALTHANINI Cooman, 1939: 138 [stem: *Althan-*]. Type genus: *Althanus* Lewis, 1903.

**Subfamily HAETERIINAE Marseul, 1857**

HÉTÉRIENS Marseul, 1857b: 148 [stem: *Haeteri-*]. Type genus: *Haeterius* Dejean, 1833 [as *Hetaerius*, incorrect subsequent spelling of type genus name, not in prevailing usage].

**Tribe HAETERIINI Marseul, 1857**

HÉTÉRIENS Marseul, 1857b: 148 [stem: *Haeteri-*]. Type genus: *Haeterius* Dejean, 1833 [as *Hetaerius*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Schmidt (1885: 283, as HETAERIINI [incorrect stem formation]), generally accepted as in Mazur (2004: 75, as HAETERIINAE); incorrect stem formation, not in prevailing usage, correction of original spelling by Bousquet and Laplante (1999: 104).

**Tribe NYMPHISTRINI Tishechkin, 2007**

NYMPHISTERINI Tishechkin, 2007: 51 [stem: *Nymphistr-*]. Type genus: *Nymphister* Reichensperger, 1933. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe SYNODITULINI Tishechkin, 2007**

SYNODITULINI Tishechkin, 2007: 50 [stem: *Synoditul-*]. Type genus: *Synoditulus* Reichensperger, 1924.

**Subfamily CHLAMYDOPSINAE Bickhardt, 1914**

CHLAMYDOPSINI Bickhardt, 1914: 308 [stem: *Chlamydops-*]. Type genus: *Chlamydopsis* Westwood, 1869. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Chlamydopse-*).

**Superfamily STAPHYLINOIDEA Latreille, 1802**

STAPHYLINIAE Latreille, 1802: 124 [stem: *Staphylin-*]. Type genus: *Staphylinus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1959a)]. Comment: First Reviser (STAPHYLINOIDEA Latreille, 1802 vs PSELAPHOIDEA Latreille, 1802) not determined, current usage maintained.

**Family HYDRAENIDAE Mulsant, 1844**

HYDRAENAIRES Mulsant, 1844: 50 [stem: *Hydraen-*]. Type genus: *Hydraena* Kugelann, 1794.

**Subfamily ORCHYMONTIINAE Perkins, 1997**

ORCHYMONTINAE Perkins, 1997: 189 [stem: *Orchymonti-*]. Type genus: *Orchymontia* Broun, 1919. Comment: incorrect original stem formation, not in prevailing usage.

**Subfamily PROSTHETOPINAE Perkins, 1994**

PROSTHETOPINAE Perkins, 1994: 7 [stem: *Prosthetop-*]. Type genus: *Prosthetops* C. O. Waterhouse, 1879. Comment: precedence (NUCLEOTOPINAE Perkins, 1994 vs PARASTHETOPINAE Perkins, 1994 vs PROSTHETOPINAE Perkins, 1994 vs PROTOSTHETOPINAE Perkins, 1994 vs PTEROSTHETOPINAE Perkins, 1994) given to taxon originally proposed at the higher rank (Art. 24.1).

**Tribe COELOMETOPONINI Perkins, 2005**

COELOMETOPONINI Perkins, 2005: 9 [stem: *Coelometopon-*]. Type genus: *Coelometopon* Janssens, 1972. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Coelometop-*).

**Tribe NUCLEOTOPINI Perkins, 1994**

NUCLEOTOPINI Perkins, 1994: 8, in key [stem: *Nucleotop-*]. Type genus: *Nucleotops* Perkins and Balfour-Browne, 1994.

**Tribe PARASTHETOPINI Perkins, 1994**

PARASTHETOPINI Perkins, 1994: 8, in key [stem: *Parasthetop-*]. Type genus: *Parasthetops* Perkins and Balfour-Browne, 1994.

**Tribe PROSTHETOPINI Perkins, 1994**

PROSTHETOPINAE Perkins, 1994: 7 [stem: *Prosthetop*-]. Type genus: *Prosthetops* C. O. Waterhouse, 1879.

**Tribe PROTOSTHETOPINI Perkins, 1994**

PROTOSTHETOPINI Perkins, 1994: 8, in key [stem: *Protosthetop*-]. Type genus: *Protosthetops* Perkins, 1994.

**Tribe PTEROSTHETOPINI Perkins, 1994**

PTEROSTHETOPINI Perkins, 1994: 9, in key [stem: *Pterosthetop*-]. Type genus: *Pterosthetops* Perkins, 1994.

**Subfamily HYDRAENINAE Mulsant, 1844**

HYDRAENAIRES Mulsant, 1844: 50 [stem: *Hydraen*-]. Type genus: *Hydraena* Kugelann, 1794. Comment: First Reviser (HYDRAENINAE Mulsant, 1844 vs LIMNEBIINAE Mulsant, 1844) not determined, current usage maintained.

**Tribe HYDRAENIDINI Perkins, 1980**

HYDRAENIDINI Perkins, 1980: 414 [stem: *Hydraenid*-]. Type genus: *Hydraenida* Germain, 1901.

**Tribe HYDRAENINI Mulsant, 1844**

HYDRAENAIRES Mulsant, 1844: 50 [stem: *Hydraen*-]. Type genus: *Hydraena* Kugelann, 1794. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gistel (1848: [1], as HYDRAENAEIDAE [incorrect stem formation]), generally accepted as in Jäch (2004: 102, as HYDRAENINI).

**Tribe LIMNEBIINI Mulsant, 1844**

LIMNÉBIAIRES Mulsant, 1844: 88 [stem: *Limnebi*-]. Type genus: *Limnebius* Leach, 1815. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by C. G. Thomson (1859: 14, as LIMNEBIIDAE), generally accepted as in Jäch (2004: 110, as LIMNEBIINI).

**Tribe MADAGASTRINI Perkins, 1997**

MADAGASTRINI Perkins, 1997: 176 [stem: *Madagastr*-]. Type genus: *Madagaster* Perkins, 1997.

**Tribe PARHYDRAENINI Perkins, 1997**

PARHYDRAENINI Perkins, 1997: 170 [stem: *Parhydraen*-]. Type genus: *Parhydraena* Orchymont, 1937.

**Subfamily OCHTHEBIINAE Thomson, 1859**

UCHTEBIIDAE C. G. Thomson, 1859: 15 [stem: *Ochthebi*-. Type genus: *Ochthebius* Leach, 1815 [placed on the Official List of Generic Names in Zoology (ICZN 1991a)].

**Tribe OCHTHEBIINI Thomson, 1859**

UCHTEBIIDAE C. G. Thomson, 1859: 15 [stem: *Ochthebi*-. Type genus: *Ochthebius* Leach, 1815 [placed on the Official List of Generic Names in Zoology (ICZN 1991a)].

**Subtribe ENICOCERINA Perkins, 1997**

ENICOCERINA Perkins, 1997: 157 [stem: *Enicocer*-. Type genus: *Enicocerus* Stephens, 1829.

**Subtribe MEROPATHINA Perkins, 1997**

MEROPATHINA Perkins, 1997: 143 [stem: *Meropath*-. Type genus: *Meropathus* Enderlein, 1901.

**Subtribe NEOCHTHEBIINA Perkins, 1997**

NEOCHTHEBIINA Perkins, 1997: 152 [stem: *Neochthebi*-. Type genus: *Neochthebius* Orchymont, 1932. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe OCHTHEBIINA Thomson, 1859**

UCHTEBIIDAE C. G. Thomson, 1859: 15 [stem: *Ochthebi*-. Type genus: *Ochthebius* Leach, 1815 [as *Ochtebius*, incorrect subsequent spelling of type genus name, not in prevailing usage; *Ochthebius* placed on the Official List of Generic Names in Zoology (ICZN 1991a)]. Comment: incorrect original stem formation, not in prevailing usage.

UCHTHEBIINAE Perkins, 1980: 414 [stem: *Ochthebi*-. Type genus: *Ochthebius* Leach, 1815 [placed on the Official List of Generic Names in Zoology (ICZN 1991a)]. Comment: family-group name proposed as new without reference to UCHTEBIIDAE C. G. Thomson, 1859.

**Subtribe PROTOCHTHEBIINA Perkins, 1997**

PROTOCHTHEBIINA Perkins, 1997: 152 [stem: *Protochthebi*-. Type genus: *Protochthebius* Perkins, 1997.

**Tribe OCHTHEOSINI Perkins, 1997**

UCHTHEOSINI Perkins, 1997: 123 [stem: *Ochtheos*-. Type genus: *Ochtheosus* Perkins, 1997.



**Family PTILIIDAE Erichson, 1845**

PTILINA Erichson, 1845: 15 [stem: *Ptili-*]. Type genus: *Ptilium* Gyllenhal, 1827 [placed on the Official List of Generic Names in Zoology (ICZN 1984b)].

**Subfamily PTILIINAE Erichson, 1845**

PTILINA Erichson, 1845: 15 [stem: *Ptili-*]. Type genus: *Ptilium* Gyllenhal, 1827 [placed on the Official List of Generic Names in Zoology (ICZN 1984b)].

**Tribe DISCHERAMOCEPHALINI Grebennikov, 2009**

DISCHERAMOCEPHALINI Grebennikov, 2009: 115 [stem: *Discheramocephal-*]. Type genus: *Discheramocephalus* C. Johnson, 2007.

**Tribe NANOSELLINI Barber, 1924**

NANOSELLINAE Barber, 1924: 170 [stem: *Nanosell-*]. Type genus: *Nanosella* Motschulsky, 1869.

**Tribe PTENIDIINI Flach, 1889**

PTENIDIINI Flach, 1889: 489 [stem: *Ptenidi-*]. Type genus: *Ptenidium* Erichson, 1845 [placed on the Official List of Generic Names in Zoology and given precedence over the generic name *Anisarthria* Stephens, 1830 whenever the two names are considered synonyms (ICZN 1984b)].

**Tribe PTILIINI Erichson, 1845**

\*PTILINA Heer, 1843: 60 [stem: *Ptili-*]. Type genus: *Ptilium* Gyllenhal, 1827 [as a synonym of *Trichopteryx* Kirby, 1826; *Ptilium* Gyllenhal, 1827 placed on the Official List of Generic Names in Zoology (ICZN 1984b)]. Comment: family-group name unavailable (Art. 11.7.1.1): not based on a genus used as valid at the time; incorrect original stem formation, not in prevailing usage.

PTILINA Erichson, 1845: 15 [stem: *Ptili-*]. Type genus: *Ptilium* Gyllenhal, 1827 [placed on the Official List of Generic Names in Zoology (ICZN 1984b)]. Comment: published 28 May 1845; incorrect original stem formation, not in prevailing usage; this family-group name was also used in the same year by Motschulsky (1845 [after 6 August]: 504, as PTILIEN); Motschulsky's name, originally proposed in a vernacular form, was treated as available by Lawrence and Newton (1995: 818).

PTILOPTERIIDAE Gistel, 1848: [4] [stem: *Ptilopteri-*]. Type genus: *Ptilopterium* Gistel, 1848 [syn. of *Ptilium* Gyllenhal, 1827].

ACTIDIINI Portevin, 1929: 568, in key [stem: *Actidi-*]. Type genus: *Actidium* A. Matthews, 1868.

**Tribe PTINELLINI Reitter, 1906 (1891)**

NEUGLENINI Reitter, 1891: 146 [stem: *Neuglen-*]. Type genus: *Neuglenes* C. G. Thomson, 1859 [syn. of *Ptinella* Motschulsky, 1844].

PTINELLINI Reitter, 1906: 259 [stem: *Ptinell-*]. Type genus: *Ptinella* Motschulsky, 1844 [placed on the Official List of Generic Names in Zoology (ICZN 1985b)]. Comment: name proposed to replace NEUGLENINI Reitter, 1891 because of the synonymy of the type genus; use of younger family-group name PTINELLINI Reitter, 1906 conserved (Art. 40.2).

\*PTERYCINI Dybas, 1966: 16, 44 [stem: *Pteryg-*]. Type genus: *Pteryx* A. Matthews, 1858. Comment: incorrect original stem formation, not in prevailing usage; the earlier usage of “PTERYCINE group” by Dybas (1955: 562) is unavailable because it is not a noun (Art. 11.7.1.1); also this name has been used subsequently by Hall (2003: 85) but the name PTERYCINI has not been made available yet (see Hall 2005: 257).

### Subfamily CEPHALOPLECTINAE Sharp, 1883

CEPHALOPLECTINAE Sharp, 1883: 295 [stem: *Cephaloplect-*]. Type genus: *Cephaloplectus* Sharp, 1883.

LIMULODINAE Ganglbauer, 1898: 297 [stem: *Limulod-*]. Type genus: *Limulodes* A. Matthews, 1866.

### Subfamily ACROTRICHINAE Reitter, 1909 (1856)

TRICHOPTERYGIA Erichson, 1845: 13 [stem: *Trichopteryg-*]. Type genus: *Trichopteryx* Kirby, 1826 [preoccupied genus name, not *Trichopteryx* Hübner, 1825 [Lepidoptera]; syn. of *Acrotrichis* Motschulsky, 1848]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

CLEOPTERIIDAE Gistel, 1856a: 360 [stem: *Cleopteri-*]. Type genus: *Cleopterium* Gistel, 1856 [syn. of *Acrotrichis* Motschulsky, 1848]. Comment: use of younger family-group name ACROTRICHINAE Reitter, 1909 conserved (Art. 40.2) (see Newton and Thayer 1992: 44).

ACROTRICHINI Reitter, 1909: 272 [stem: *Acrotrich-*]. Type genus: *Acrotrichis* Motschulsky, 1848. Comment: use of family-group name conserved over CLEOPTERIINAE Gistel, 1856 (Art. 40.2) (see Newton and Thayer 1992: 44).

NEPHANINI Portevin, 1929: 573, in key [stem: *Nephan-*]. Type genus: *Nephanes* C. G. Thomson, 1859 [placed on the Official List of Generic Names in Zoology (ICZN 1985b)].

### Family AGYRTIDAE Thomson, 1859

AGYRTIDAE C. G. Thomson, 1859: 57 [stem: *Agyrt-*]. Type genus: *Agyrtes* Frölich, 1799.

### Subfamily AGYRTINAE Thomson, 1859

\*AGYRTES Motschulsky, 1849: 57 [stem: *Agyrt-*]. Type genus: *Agyrtes* Frölich, 1799. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849).

AGYRTIDAE C. G. Thomson, 1859: 57 [stem: *Agyrt-*]. Type genus: *Agyrtes* Frölich, 1799.

LYROSOMINI G. H. Horn, 1880b: 247 [stem: *Lyrosomat-*]. Type genus: *Lyrosoma* Mannerheim, 1853. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 33).

LENDOMINI Bradley, 1930: 159, in key [stem: *Lendom-*]. Type genus: *Lendomus* Casey, 1924 [syn. of *Agyrtes* Frölich, 1799].

### **Subfamily NECROPHILINAE Newton, 1997**

\*NECROPHILINI Jeannel, 1936: 10 [stem: *Necrophil-*]. Type genus: *Necrophilus* Latreille, 1829. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

NECROPHILINAE Newton, 1997: 127 [stem: *Necrophil-*]. Type genus: *Necrophilus* Latreille, 1829. Comment: the type genus of the older names NECROPHILIDAE Gistel, 1848: [4] and NECROPHILIDAE Gistel, 1856a: 362 cannot be determined (either *Necrophilus* Latreille, 1829 [AGYRTIDAE] or *Necrophila* Kirby and Spence, 1828 [SILPHIDAE]) and therefore those names are considered unavailable (also see comments in Newton and Thayer (1992: 23) and Newton (1997: 147)).

### **Subfamily PTEROLOMATINAE Thomson, 1862**

PTEROLOMINA C. G. Thomson, 1862: 20 [stem: *Pterolomat-*]. Type genus: *Pteroloma* Gyllenhal, 1827. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 33).

### **Family LEIODIDAE Fleming, 1821**

LEIODESIDAE Fleming, 1821: 51 [stem: *Leiod-*]. Type genus: *Leiodes* Latreille, 1797. Comment: incorrect original stem formation, not in prevailing usage.

### **Subfamily CAMIARINAE Jeannel, 1911**

CAMIARINAE Jeannel, 1911: 192, in key [stem: *Camiar-*]. Type genus: *Camiarus* Sharp, 1878.

### **Tribe AGYRTODINI Jeannel, 1936**

AGYRTODINI Jeannel, 1936: 99 [stem: *Agyrtod-*]. Type genus: *Agyrtodes* Portevin, 1907.

\*†GUVANOCOLEINA Perkovsky, 2002: 16 [stem: *Gurvanocole-*]. Type genus: *Gurvanocoleus* Ponomarenko, 1986. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

### **Tribe CAMIARINI Jeannel, 1911**

CAMIARINAE Jeannel, 1911: 192, in key [stem: *Camiar-*]. Type genus: *Camiarus* Sharp, 1878.

\*†MESECANINA Perkovsky, 2002: 15 [stem: *Mesecan-*]. Type genus: *Mesecanus* Newton, 1982. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Tribe NEOPELATOPINI Jeannel, 1962**

NEOPELATOPINI Jeannel, 1962b: 487 [stem: *Neopelatop-*]. Type genus: *Neopelatops* Jeannel, 1936.

**Subfamily CATOPOCERINAE Hatch, 1927 (1880)**

CATOPOCERINI Hatch, 1927: 4, in key [stem: *Catopocer-*]. Type genus: *Catopocerus* Motschulsky, 1869. Comment: use of family-group name conserved over PINODYTINAE G. H. Horn, 1880 (Art. 40.2) (see Newton and Thayer 1992: 34).

**Tribe CATOPOCERINI Hatch, 1927 (1880)**

PINODYTINI G. H. Horn, 1880b: 248 [stem: *Pinodyt-*]. Type genus: *Pinodytes* G. H. Horn, 1880 [syn. of *Catopocerus* Motschulsky, 1869]. Comment: use of younger family-group name CATOPOCERINI Hatch, 1927 conserved (Art. 40.2) (see Newton and Thayer 1992: 34).

CATOPOCERINI Hatch, 1927: 4, in key [stem: *Catopocer-*]. Type genus: *Catopocerus* Motschulsky, 1869. Comment: new name for PINODYTINI G. H. Horn, 1880 because of synonymy of type genus; use of family-group name conserved over PINODYTINI G. H. Horn, 1880 (Art. 40.2) (see Newton and Thayer 1992: 34).

**Tribe GLACICAVICOLINI Westcott, 1968**

GLACICAVICOLINAE Westcott, 1968: 1 [stem: *Glacicavicol-*]. Type genus: *Glacicavicola* Westcott, 1968.

**Subfamily LEIODINAE Fleming, 1821**

LEIODESIDAE Fleming, 1821: 51 [stem: *Leiod-*]. Type genus: *Leiodes* Latreille, 1797.

**Tribe AGATHIDIINI Westwood, 1838**

\*ANISOTOMIDAE Stephens, 1828: 99 [stem: *Anisotom-*]. Type genus: *Anisotoma* Panzer, 1797. Comment: family-group name unavailable (Art. 11.7.1.1): not based on a genus used as valid at the time; see Newton and Thayer (1992: 20).

AGATHIDIIDAE Westwood, 1838: 10 [stem: *Agathidi-*]. Type genus: *Agathidium* Illiger, 1798.

ANISOTOMIDAE Reitter, 1884: 6 [stem: *Anisotom-*]. Type genus: *Anisotoma* Panzer, 1797. Comment: an application will need to be submitted to the Commission to suppress ANISOTOMIDAE Erichson, 1845 (based on the misidentified type genus *Anisotoma* sensu Schmidt, 1841) for the Principles of Priority and Homonymy (Art. 65.2.1) if this name is to be used as valid.

**Tribe ESTADIINI Portevin, 1914**

ESTADIINI Portevin, 1914: 199 [stem: *Estadi-*]. Type genus: *Estadia* Fairmaire, 1903 [syn. of *Dietta* Sharp, 1876].

**Tribe LEIODINI Fleming, 1821**

LEIODESIDAE Fleming, 1821: 51 [stem: *Leiod-*]. Type genus: *Leiodes* Latreille, 1797. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 34).

ANISOTOMIDAE Erichson, 1845: 41 [stem: *Anisotom-*]. Type genus: *Anisotoma* sensu Schmidt, 1841 [not *Anisotoma* Panzer, 1797; syn. of *Leiodes* Latreille, 1797]. Comment: based on a misidentified type genus; an application will need to be submitted to the Commission to suppress this name for the Principles of Priority and Homonymy (Art. 65.2.1) if ANISOTOMIDAE Reitter, 1884 in LEIODINAE: AGATHIDIINI is to be used as valid in the future.

\*CYRTUSINA Perkovsky, 1997b: 168 [stem: *Cyrtus-*]. Type genus: *Cyrtusa* Erichson, 1842. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*HYPOLIODINA Perkovsky, 2002: 15 [stem: *Hypoliod-*]. Type genus: *Hypoliodes* Portevin, 1908. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Tribe PSEUDOLIODINI Portevin, 1926**

PSEUDOLIODINI Portevin, 1926: 75 [stem: *Pseudoliod-*]. Type genus: *Pseudoliodes* Portevin, 1926 [syn. of *Pseudocolenis* Reitter, 1884].

DERMATOHOMOEINI Hlisnikovský, 1963: 311 [stem: *Dermatohomoe-*]. Type genus: *Dermatohomoeus* Hlisnikovský, 1963.

**Tribe SCOTOCRYPTINI Reitter, 1884**

SCOTOCRYPTINI Reitter, 1884: 91 [stem: *Scotocrypt-*]. Type genus: *Scotocryptus* Girard, 1874.

**Tribe SOGDINI Lopatin, 1961**

SOGDIIDAE Lopatin, 1961: 121 [stem: *Sogd-*]. Type genus: *Sogda* Lopatin, 1961. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 36).

TRIARTHRIINI Jeannel, 1962b: 486, in key [stem: *Triarthr-*]. Type genus: *Triarthron* Märkel, 1840. Comment: junior homonym of TRIARTHRIDAE Ulrich, 1930 (type genus *Triarthrus* Green, 1832) in Trilobita; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

HYDNOBIINI Jeannel, 1962b: 492 [stem: *Hydnobi-*]. Type genus: *Hydnobius* Schmidt, 1841.

\*STEREINA Perkovsky, 2002: 15 [stem: *Stere-*]. Type genus: *Stereus* Wollaston, 1857 [preoccupied genus name, not *Stereus* Mannerheim, 1846 [Coleoptera: CURCULIONIDAE]; syn. of *Deltocnemis* Sahlberg, 1886]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).



**Subfamily COLONINAE Horn, 1880 (1859)**

MYLOECHINA C. G. Thomson, 1859: 60 [stem: *Myloech*-]. Type genus: *Myloechus* Latreille, 1807 [syn. of *Colon* Herbst, 1797]. Comment: use of younger family-group name COLONINAE G. H. Horn, 1880 conserved (Art. 40.2); see Newton and Thayer (1992: 36).

COLONES G. H. Horn, 1880b: 266 [stem: *Colon*-]. Type genus: *Colon* Herbst, 1797 [the original spelling *Kolon* was placed on the Official Index of Rejected and Suppressed Generic Names in Zoology, *Colon* was considered the correct original spelling of the genus and placed on the Official List of Generic Names in Zoology (ICZN 1995b)]. Comment: use of family-group name conserved over MYLOECHINAE C. G. Thomson, 1859 (Art. 40.2); see Newton and Thayer (1992: 36).

**Subfamily CHOLEVINAE Kirby, 1837**

CHOLEVIDAE Kirby, 1837: 108 [stem: *Cholev*-]. Type genus: *Choleva* Latreille, 1797.

**Tribe ANEMADINI Hatch, 1928**

ANEMADINA Hatch, 1928: 159 [stem: *Anemad*-]. Type genus: *Anemadus* Reitter, 1884.

**Subtribe ANEMADINA Hatch, 1928**

ANEMADINA Hatch, 1928: 159 [stem: *Anemad*-]. Type genus: *Anemadus* Reitter, 1884.

ANEMADINAE Jeannel, 1936: 179 [stem: *Anemad*-]. Type genus: *Anemadus* Reitter, 1884. Comment: family-group name proposed as new without reference to ANEMADINA Hatch, 1928.

**Subtribe EOCATOPINA Jeannel, 1936**

EOCATOPINA Jeannel, 1936: 124, in key [stem: *Eocatop*-]. Type genus: *Eocatops* Peyerimhoff, 1924.

**Subtribe EUNEMADINA Newton, 1998**

EUNEMADINA Newton, 1998: 103 [stem: *Eunemad*-]. Type genus: *Eunemadus* Portevin, 1914.

**Subtribe NEMADINA Jeannel, 1936**

NEMADINAE Jeannel, 1936: 96 [stem: *Nemad*-]. Type genus: *Nemadus* C. G. Thomson, 1867.

**Subtribe PARACATOPINA Jeannel, 1936**

PARACATOPINI Jeannel, 1936: 181 [stem: *Paracatop*-]. Type genus: *Paracatops* Portevin, 1907.

**Tribe CHOLEVINI Kirby, 1837**

CHOLEVIDAE Kirby, 1837: 108 [stem: *Cholev-*]. Type genus: *Choleva* Latreille, 1797.

**Subtribe CATOPINA Chaudoir, 1845**

CATOPIDES Chaudoir, 1845: 195 [stem: *Catop-*]. Type genus: *Catops* Paykull, 1798. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 68, as CATOPIDAE), generally accepted as in Perreau (2004: 136, as CATOPINA).

**Subtribe CHOLEVINA Kirby, 1837**

CHOLEVIDAE Kirby, 1837: 108 [stem: *Cholev-*]. Type genus: *Choleva* Latreille, 1797.

**Tribe EUCATOPINI Jeannel, 1921**

EUCATOPINI Jeannel, 1921: 233 [stem: *Eucatop-*]. Type genus: *Eucatops* Portevin, 1903.

**Tribe LEPTODIRINI Lacordaire, 1854 (1849)**

LEPTODÉRIDES Lacordaire, 1854b: 195 [stem: *Leptodir-*]. Type genus: *Leptodirus* Schmidt, 1832 [as *Leptoderus*, unjustified emendation of type genus name by F. Schmidt (1852), not in prevailing usage]. Comment: use of family-group name conserved over STAGOBIIINI Schiødte, 1849 (Art. 40.2); see Newton and Thayer (1992: 35).

**Subtribe ANTHROHERPONINA Jeannel, 1910**

ANTROHERPONA Jeannel, 1910: 25 [stem: *Antroherpon-*]. Type genus: *Anthroherpon* Reitter, 1889 [as *Antroherpon*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

HADESIINI Absolon, 1913: 108 [stem: *Hadesi-*]. Type genus: *Hadesia* J. Müller, 1911.

ANTROHERPONINA Guéorguiev, 1974: 841, in key [stem: *Antroherpon-*]. Type genus: *Anthroherpon* Reitter, 1889 [as *Antroherpon*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: family-group name proposed as new without reference to ANTROHERPONA Jeannel, 1910.

**Subtribe BATHYSCIINA Horn, 1880**

BATHYSCIAE G. H. Horn, 1880b: 251 [stem: *Bathysci-*]. Type genus: *Bathyscia* Schiødte, 1847.

ORIoTINI Reitter, 1889b: 296 [stem: *Oryot-*]. Type genus: *Oryotus* Miller, 1856 [as *Oriotus*, incorrect subsequent spelling of type genus name, not

in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

BATHYSCIINA Guéorguiev, 1974: 841, in key [stem: *Bathysci-*]. Type genus: *Bathyscia* Schiødte, 1847. Comment: family-group name proposed as new without reference to BATHYSCIAE G. H. Horn, 1880.

NEOTROPOSPEONELLINA Perkovsky, 1997a: 59 [stem: *Neotropospeonell-*]. Type genus: *Neotropospeonella* Pace, 1985 [syn. of *Oryotus* Miller, 1856].

\*APHAOBIINA Perkovsky, 2002: 16 [stem: *Aphaobi-*]. Type genus: *Aphaobius* Abeille de Perrin, 1878. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### **Subtribe BATHYSCIOTINA Guéorguiev, 1974**

BATHYSCIOTINA Guéorguiev, 1974: 841, in key [stem: *Bathysciot-*]. Type genus: *Bathysciotes* Jeannel, 1910.

### **Subtribe LEPTODIRINA Lacordaire, 1854 (1849)**

STAGOBIIINAE Schiødte, 1849: 16 [stem: *Stagobi-*]. Type genus: *Stagobius* Schiødte, 1847 [syn. of *Leptodirus* Schmidt, 1832]. Comment: use of younger family-group name LEPTODIRINA Lacordaire, 1854 conserved (Art. 40.2); see Newton and Thayer (1992: 35).

LEPTODÉRIDES Lacordaire, 1854b: 195 [stem: *Leptodir-*]. Type genus: *Leptodirus* Schmidt, 1832 [as *Leptoderus*, unjustified emendation of type genus name by Schmidt (1852), not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kraatz (1859a: 35, as LEPTODERIDAE), generally accepted as in Perreau (2004: 147, as LEPTODIRINI); use of family-group name conserved over STAGOBIIINA Schiødte, 1849 (Art. 40.2); see Newton and Thayer (1992: 35); incorrect original stem formation, not in prevailing usage.

LEPTODIRINA Guéorguiev, 1974: 841, in key [stem: *Leptodir-*]. Type genus: *Leptodirus* Schmidt, 1832. Comment: family-group name proposed as new without reference to LEPTODÉRIDES Lacordaire, 1854.

\*LANEYRIELLINA Perkovsky, 2002: 16 [stem: *Laneyriell-*]. Type genus: *Laneyriella* Guéorguiev, 1976. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### **Subtribe PHOLEUINA Reitter, 1886**

PHOLEUONES Reitter, 1886: 314 [stem: *Pholeu-*]. Type genus: *Pholeuon* Hampe, 1856. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 35); current spelling maintained (Art. 29.5): corrected stem formation in prevailing usage (should be *Pholeuont-*).

GHIDINIINA Guéorguiev, 1974: 841, in key [stem: *Ghidini-*]. Type genus: *Ghidinia* Pavan, 1938 [syn. of *Boldoria* Jeannel, 1924].

\*COIFFAITIOLINA Perkovsky, 2002: 16 [stem: *Coiffaitiol-*]. Type genus: *Coiffaitiola* Jeannel, 1955. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Subtribe PLATYCHOLEINA Horn, 1880**

PLATYCHOLEI G. H. Horn, 1880b: 251 [stem: *Platychole-*]. Type genus: *Platycholeus* G. H. Horn, 1880.

**Subtribe SPELAEOBATINA Guéorguiev, 1974**

SPELAEOBATINA Guéorguiev, 1974: 841, in key [stem: *Spelaeobat-*]. Type genus: *Spelaeobates* Müller, 1901.

**Tribe ORITOCATOPINI Jeannel, 1936**

ORITOCATOPINI Jeannel, 1936: 116 [stem: *Oritocatop-*]. Type genus: *Oritocatops* Jeannel, 1921.

**Tribe PTOMAPHAGINI Jeannel, 1911**

PTOMAPHAGINI Jeannel, 1911: 193 [stem: *Ptomaphag-*]. Type genus: *Ptomaphagus* Hellwig, 1795.

**Subtribe BARYODIRINA Perreau, 2000**

BARYODIRINA Perreau, 2000: 24 [stem: *Baryodir-*]. Type genus: *Baryodirus* Perreau, 2000.

**Subtribe PTOMAPHAGINA Jeannel, 1911**

PTOMAPHAGINI Jeannel, 1911: 193 [stem: *Ptomaphag-*]. Type genus: *Ptomaphagus* Hellwig, 1795.

**Subtribe PTOMAPHAGININA Szymczakowski, 1964**

PTOMAPHAGININI Szymczakowski, 1964: 66 [stem: *Ptomaphagin-*]. Type genus: *Ptomaphaginus* Portevin, 1914.

**Tribe SCIAPHYINI Perreau, 2000**

SCIAPHYINI Perreau, 2000: 23 [stem: *Sciaphy-*]. Type genus: *Sciaphyes* Jeannel, 1910.

**Subfamily PLATYPSYLLINAE Ritsema, 1869**

PLATYPSYLLIDAE Ritsema, 1869: 38 [stem: *Platypsyll-*]. Type genus: *Platypsyllus* Ritsema, 1869.

LEPTINIDAE J. L. LeConte, 1872: 802 [stem: *Leptin-*]. Type genus: *Leptinus* Müller, 1817. Comment: this family-group name has been attributed to J. L. LeConte (1866 [error for 1867]) in the literature, however J. L. LeConte (1867: 368) did not give a name to the new taxon and therefore it is not available; see Newton and Thayer (1992: 37).

### **Family SILPHIDAE Latreille, 1806**

SILPHALES Latreille, 1806: 1 [stem: *Silph-*]. Type genus: *Silpha* Linnaeus, 1758.

#### **Subfamily SILPHINAE Latreille, 1806**

SILPHALES Latreille, 1806: 1 [stem: *Silph-*]. Type genus: *Silpha* Linnaeus, 1758.

NECRODISIDAE Gistel, 1848: [4] [stem: *Necrod-*]. Type genus: *Necrodes* Leach, 1815.

Comment: incorrect original stem formation, not in prevailing usage.

#### **Subfamily NICROPHORINAE Kirby, 1837**

NECROPHORIDAE Kirby, 1837: 95 [stem: *Nicrophor-*]. Type genus: *Nicrophorus* Fabricius, 1775 [as *Necrophorus*, unjustified emendation of type genus name by Thunberg (1789), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

### **Family STAPHYLINIDAE Latreille, 1802**

STAPHYLINIAE Latreille, 1802: 124 [stem: *Staphylin-*]. Type genus: *Staphylinus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1959a)]. Comment: placed on the Official List of Family-Group Names in Zoology (as STAPHYLINIDAE Latreille, [1803-1804]) and “STAPHYLINII Latreille, [1803-1804]” placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1959a); First Reviser (STAPHYLINIDAE Latreille, 1802 vs PSELAPHIDAE Latreille, 1802) not determined, current usage maintained.

#### **Subfamily GLYPHOLOMATINAE Jeannel, 1962**

GLYPHOLOMINI Jeannel, 1962b: 482 [stem: *Glypholomat-*]. Type genus: *Glypholoma* Jeannel, 1962. Comment: originally proposed as a tribe of SILPHIDAE; incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 58).

#### **Subfamily MICROSILPHINAE Crowson, 1950**

\*MICRAGYRTINI Blackwelder, 1944: 84 [stem: *Micragyrt-*]. Type genus: *Micragyrtes* Champion, 1918 [syn. of *Microsilpha* Broun, 1886]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); originally proposed as a tribe of LEIODIDAE.

MICROSILPHINAE Crowson, 1950: 279, in key [stem: *Microsilph-*]. Type genus: *Microsilpha* Broun, 1886. Comment: originally proposed as a subfamily of SILPHIDAE.



MICRAGYRTINI Jeannel, 1962b: 484 [stem: *Micragyrt-*]. Type genus: *Micragyrtes* Champion, 1918 [syn. of *Microsilpha* Broun, 1886]. Comment: originally proposed as a tribe of SILPHIDAE.

### **Subfamily OMALIINAE MacLeay, 1825**

OMALIDAE W. S. MacLeay, 1825: 49 [stem: *Omali-*]. Type genus: *Omalius* Gravenhorst, 1802.

### **Tribe ANTHOPHAGINI Thomson, 1859**

ANTHOPHAGIDES C. G. Thomson, 1859: 48 [stem: *Anthophag-*]. Type genus: *Anthophagus* Gravenhorst, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 2004d)].

BRATHINIDAE J. L. LeConte, 1861: 48 [stem: *Brathin-*]. Type genus: *Brathinus* J. L. LeConte, 1852. Comment: originally proposed as a subfamily of SILPHIDAE.

\*LESTÉVATES Mulsant and Rey, 1880: 8 [stem: *Lestev-*]. Type genus: *Lesteva* Latreille, 1797 [placed on the Official List of Generic Names in Zoology (ICZN 2004d)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant and Rey (1880).

LESTEVINA Jakobson, 1908: 450 [stem: *Lestev-*]. Type genus: *Lesteva* Latreille, 1797 [placed on the Official List of Generic Names in Zoology (ICZN 2004d)].

### **Tribe APHAENOSTEMMINI Peyerimhoff, 1914**

APHAENOSTEMMINI Peyerimhoff, 1914: 248, in key [stem: *Aphaenostemm-*]. Type genus: *Aphaenostemmus* Peyerimhoff, 1914.

### **Tribe CORNEOLABIINI Steel, 1950**

CORNEOLABIINI Steel, 1950: 54 [stem: *Corneolabi-*]. Type genus: *Corneolabium* Steel, 1950.

### **Tribe CORYPHIINI Jakobson, 1908**

CORYPHIINA Jakobson, 1908: 452 [stem: *Coryphi-*]. Type genus: *Coryphium* Stephens, 1834 [placed on the Official List of Generic Names in Zoology (ICZN 1990b)].

### **Subtribe BOREAPHILINA Zerche, 1990**

\*BORÉAPHILAIRES Mulsant and Rey, 1880: 391 [stem: *Boreaphil-*]. Type genus: *Boreaphilus* Sahlberg, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant and Rey (1880).

BOREAPHILINA Zerche, 1990: 22, in key [stem: *Boreaphil-*]. Type genus: *Boreaphilus* Sahlberg, 1832. Comment: family-group name proposed as new without reference to BORÉAPHILAIRES Mulsant and Rey, 1880.

**Subtribe CORYPHIINA Jakobson, 1908**

CORYPHIINA Jakobson, 1908: 452 [stem: *Coryphi-*]. Type genus: *Coryphium* Stephens, 1834 [placed on the Official List of Generic Names in Zoology (ICZN 1990b)].

**Tribe EUSPHALERINI Hatch, 1957**

\*ANTHOBIATES Mulsant and Rey, 1880: 290 [stem: *Anthobi-*]. Type genus: *Anthobium* sensu Erichson, 1840 [not *Anthobium* Leach, 1819; syn. of *Eusphalerum* Kraatz, 1857]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant and Rey (1880).

ANTHOBIINI Portevin, 1929: 450 [stem: *Anthobi-*]. Type genus: *Anthobium* sensu Erichson, 1840 [not *Anthobium* Leach, 1819; syn. of *Eusphalerum* Kraatz, 1857]. Comment: based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principle of Priority (Art. 65.2.1).

EUSPHALERINI Hatch, 1957: 82 [stem: *Eusphaler-*]. Type genus: *Eusphalerum* Kraatz, 1857. Comment: new name for ANTHOBIINI; although this is not the oldest name for the tribe, we recommend that an application be submitted to the Commission to suppress the older name ANTHOBIINI Poertevin, 1929 because it is based on a misidentified type genus (Art. 65.2.1).

**Tribe HADROGNATHINI Portevin, 1929**

\*EUGNATHATES Mulsant and Rey, 1880: 386 [stem: *Eugnath-*]. Type genus: *Eugnathus* Mulsant and Rey, 1851 [preoccupied genus name, not *Eugnathus* Schönherr, 1833 [Coleoptera: CURCULIONIDAE] or *Eugnathus* Agassiz, 1836 [Pisces]; syn. of *Hadrognathus* Schaum, 1852]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; if found to be available then permanently invalid (Art. 39): based on preoccupied type genus.

HADROGNATHINI Portevin, 1929: 431 [stem: *Hadrognath-*]. Type genus: *Hadrognathus* Schaum, 1852.

**Tribe OMALIINI MacLeay, 1825**

OMALIDAE W. S. MacLeay, 1825: 49 [stem: *Omali-*]. Type genus: *Omalium* Gravenhorst, 1802. Comment: incorrect original stem formation, not in prevailing usage.

MICRALYMMATES Mulsant and Rey, 1880: 3 [stem: *Micralymmat-*]. Type genus: *Micralymma* Westwood, 1838. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Portevin (1929: 443, as MICRALYMMINI), generally accepted as in Newton and Thayer (1992: 58, as MICRALYMMINI); incorrect original stem formation, not in prevailing usage.

TETRADELI Fauvel, 1904: 90 [stem: *Tetradel-*]. Type genus: *Tetradelus* Fauvel, 1904.

ARPEDIOPSINI Cameron, 1917a: 123 [stem: *Arpediopse*-]. Type genus: *Arpediopsis* Cameron, 1917 [preoccupied genus name, not *Arpediopsis* Ganglbauer, 1895 [Coleoptera: STAPHYLINIDAE: OMALIINAE: ANTHOPHAGINI]; syn. of *Crymus* Fauvel, 1904]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

ARPEDIOMIMI Cameron, 1917b: 277 [stem: *Arpediomim*-]. Type genus: *Arpediomimus* Cameron, 1917 [syn. of *Crymus* Fauvel, 1904]. Comment: replacement name for ARPEDIOPSINI Cameron, 1917; incorrect original stem formation, not in prevailing usage.

PHLOEONOMINI Ádám, 2001: 231 [stem: *Phloeonom*-]. Type genus: *Phloeonomus* Heer, 1839. Comment: **syn. nov.**

### **Subfamily EMPELINAE Newton and Thayer, 1992**

\*EMPELIDAE M. Abdullah, 1969b: 683 [stem: *Empel*-]. Type genus: *Empelus* J. L. LeConte, 1861. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

EMPELINAE Newton and Thayer, 1992: 25 [stem: *Empel*-]. Type genus: *Empelus* J. L. LeConte, 1861.

### **Subfamily PROTEININAE Erichson, 1839**

PROTEININI Erichson, 1839a: 641 [stem: *Protein*-]. Type genus: *Proteinus* Latreille, 1797 [placed on the Official List of Generic Names in Zoology (ICZN 1969a)].

### **Tribe ANEPIINI Steel, 1966**

ANEPIINI Steel, 1966: 306 [stem: *Anepi*-]. Type genus: *Anepius* Blackburn, 1902.

### **Tribe AUSTRORHYSINI Newton and Thayer, 1995**

AUSTRORHYSINI Newton and Thayer, 1995: 298 [stem: *Austrorhys*-]. Type genus: *Austrorhysus* Steel, 1966.

### **Tribe NESONEINI Steel, 1966**

NESONEINI Steel, 1966: 292 [stem: *Nesone*-]. Type genus: *Nesoneus* Bernhauer, 1939.

### **Tribe PROTEININI Erichson, 1839**

PROTEININI Erichson, 1839a: 641 [stem: *Protein*-]. Type genus: *Proteinus* Latreille, 1797 [placed on the Official List of Generic Names in Zoology (ICZN 1969a)]. Comment: this family-group name was also proposed in the same year by Erichson (1839b: 31, as PROTEININI) and Heer (1839b: 4, as PROTEININA); for comments about the priority of these works see Newton and Thayer (1992: 24).

\*PHLÉOBIENS Mulsant and Rey, 1876: 209 [stem: *Phloeobi*-]. Type genus: *Phloeobium* sensu Erichson, 1840 [not *Phloeobium* Dejean, 1833; syn. of

*Metopsia* Wollaston, 1854]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant and Rey, 1876; incorrect original stem formation, not in prevailing usage.

PHLOEOBIINAE Fowler, 1888: 431 [stem: *Phloeobi-*]. Type genus: *Phloeobium* sensu Erichson, 1840 [not *Phloeobium* Dejean, 1833; syn. of *Metopsia* Wollaston, 1854]. Comment: based on a misidentified type genus.

MEGARTHRIINI Joy, 1932: 93, in key [stem: *Megarthr-*]. Type genus: *Megarthrus* Curtis, 1829.

METOPSIINAE Tottenham, 1954: 8, in key [stem: *Metopsi-*]. Type genus: *Metopsia* Wollaston, 1854.

PTERONINI Arnett, 1961: 238, in key [stem: *Pteroni-*]. Type genus: *Pteronius* Blackwelder, 1952 [syn. of *Proteinus* Latreille, 1797]. Comment: incorrect original stem formation, not in prevailing usage.

PTERONIINAE I. Moore, 1964: 85, in key [stem: *Pteroni-*]. Type genus: *Pteronius* Blackwelder, 1952 [syn. of *Proteinus* Latreille, 1797]. Comment: proposed as new without reference to PTERONINI Arnett, 1961.

### **Tribe SILPHOTELINI Newton and Thayer, 1995**

SILPHOTELINI Newton and Thayer, 1995: 297 [stem: *Silphotel-*]. Type genus: *Silphotelus* Broun, 1895.

### **Subfamily MICROPEPLINAE Leach, 1815**

MICROPEPLIDA Leach, 1815: 90 [stem: *Micropepl-*]. Type genus: *Micropeplus* Latreille, 1809.

MICROPEPLIDA Heer, 1839a: 169 [stem: *Micropepl-*]. Type genus: *Micropeplus* Latreille, 1809. Comment: family-group name proposed as new without reference to MICROPEPLIDA Leach, 1815; this family-group name was also used in the same year by Heer (1839b: 4, as MICROPEPLIDA); for comments about the priority of these works see Newton and Thayer (1992: 24).

### **Subfamily NEOPHONINAE Fauvel, 1905**

NEOPHONI Fauvel, 1905a: 98 [stem: *Neophon-*]. Type genus: *Neophonus* Fauvel, 1905.

### **Subfamily DASYCERINAE Reitter, 1887**

DASYCERINI Reitter, 1887: 8, in key [stem: *Dasycer-*]. Type genus: *Dasycerus* Brongniart, 1800. Comment: originally proposed as a new tribe of LATRIDIIDAE; the earlier usage of the DASYCERINAE by Swainson (1840: 293) was not based on a type genus and is therefore unavailable.

### **Subfamily PROTOPSELAPHINAE Newton and Thayer, 1995**

PROTOPSELAPHINAE Newton and Thayer, 1995: 227 [stem: *Protopselaph-*]. Type genus: *Protopselaphus* Newton and Thayer, 1995.

**Subfamily PSELAPHINAE Latreille, 1802**

PSELAPHII Latreille, 1802: 239 [stem: *Pselaph-*]. Type genus: *Pselaphus* Herbst, 1791.

**Supertribe BATRISITAE Reitter, 1882**

BATRISINI Reitter, 1882b: 183 [stem: *Batris-*]. Type genus: *Batrisus* Aubé, 1833.

**Tribe AMAUROPINI Jeannel, 1948**

AMAUROPSINI Jeannel, 1948a: 1 [stem: *Amaurop-*]. Type genus: *Amaurops* Fairmaire, 1851. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 37).

**Tribe BATRISINI Reitter, 1882**

BATRISINI Reitter, 1882b: 183 [stem: *Batris-*]. Type genus: *Batrisus* Aubé, 1833.

**Subtribe AMBICOCERINA Leleup, 1970**

AMBICOCERINA Leleup, 1970: 309 [stem: *Ambicocer-*]. Type genus: *Ambicocerus* Leleup, 1970.

**Subtribe BATRISINA Reitter, 1882**

BATRISINI Reitter, 1882b: 183 [stem: *Batris-*]. Type genus: *Batrisus* Aubé, 1833.

OROPYGIINA Jeannel, 1949a: 113, in key [stem: *Orropygi-*]. Type genus: *Orropygia* Raffray, 1910 [as *Oropygia*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 37).

TRABISINA Jeannel, 1949a: 114, in key [stem: *Trabis-*]. Type genus: *Trabisus* Raffray, 1890 [syn. of *Atheropterus* Raffray, 1882].

**Subtribe LEUPELIINA Jeannel, 1954**

LEUPELIINA Jeannel, 1954c: 106 [stem: *Leupeli-*]. Type genus: *Leupelia* Jeannel, 1954.

**Subtribe STILIPALPINA Jeannel, 1954**

STILIPALPINA Jeannel, 1954c: 118 [stem: *Stilipalp-*]. Type genus: *Stilipalpus* Jeannel, 1951.

**Tribe THAUMASTOCEPHALINI Poggi, Nonveiller, Colla, Pavićević and Rada, 2001**

THAUMASTOCEPHALINI Poggi et al., 2001: 5, in key [stem: *Thaumastocephal-*]. Type genus: *Thaumastocephalus* Poggi et al., 2001.

**Supertribe CLAVIGERITAE Leach, 1815**

CLAVIGERIDES Leach, 1815: 117 [stem: *Claviger-*]. Type genus: *Claviger* Preyssler, 1790.



**Tribe CLAVIGERINI Leach, 1815**

CLAVIGERIDES Leach, 1815: 117 [stem: *Claviger*-.]. Type genus: *Claviger* Preyssler, 1790.

**Subtribe APODERIGERINA Jeannel, 1954**

APODERIGERINI Jeannel, 1954a: 310 [stem: *Apoderiger*-.]. Type genus: *Apoderiger* Wasmann, 1897.

**Subtribe CLAVIGERINA Leach, 1815**

CLAVIGERIDES Leach, 1815: 117 [stem: *Claviger*-.]. Type genus: *Claviger* Preyssler, 1790.

ADRANITES Desmarest, 1857: 144 [stem: *Adran*-.]. Type genus: *Adranes* J. L. LeConte, 1849.

ADRANIINI O. Park, 1951: 58, in key [stem: *Adran*-.]. Type genus: *Adranes* J. L. LeConte, 1849. Comment: family-group name proposed as new without reference to ADRANITES Desmarest, 1857; incorrect original stem formation, not in prevailing usage.

**Subtribe CLAVIGERODINA Schaufuss, 1882**

CLAVIGERODINI L. W. Schaufuss, 1882a: 205 [stem: *Clavigerod*-.]. Type genus: *Clavigerodes* Raffray, 1877.

COMMATOCERINI L. W. Schaufuss, 1882b: 349 [stem: *Commatocer*-.]. Type genus: *Commatocerus* Raffray, 1882 [syn. of *Fustiger* J. L. LeConte, 1866].

CLAVIGEROPSINI L. W. Schaufuss, 1890: in table [stem: *Clavigeropse*-.]. Type genus: *Clavigeropsis* Raffray, 1882. Comment: incorrect original stem formation, not in prevailing usage.

FUSTIGERINI Jeannel, 1949a: 31 [stem: *Fustiger*-.]. Type genus: *Fustiger* J. L. LeConte, 1866.

NEOCERATOPSINI Célis, 1970: 260 [stem: *Neoceratopse*-.]. Type genus: *Neoceratopsis* Jeannel, 1956. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe DISARTHRICERINA Jeannel, 1949**

DIARTHRICERINI Jeannel, 1949a: 29, in key [stem: *Disarthricer*-.]. Type genus: *Disarthricerus* Raffray, 1895 [as *Diarthricerus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe HOPLITOXENINA Célis, 1969**

HOPLITOXENINI Célis, 1969: 418 [stem: *Hoplitoxen*-.]. Type genus: *Hoplitoxenus* Jeannel, 1960.

DIMEROMETOPINI Célis, 1970: 244 [stem: *Dimerometop*-.]. Type genus: *Dimerometopus* Célis, 1970.

**Subtribe LUNILLINA Célis, 1969**

LUNILLINI Célis, 1969: 416 [stem: *Lunill-*]. Type genus: *Lunilla* Jeannel, 1957.

**Subtribe MASTIGERINA Jeannel, 1954**

MASTIGERINI Jeannel, 1954a: 291, in key [stem: *Mastiger-*]. Type genus: *Mastiger* Motschulsky, 1851.

**Subtribe MIROCLAVIGERINA Jeannel, 1949**

MIROCLAVIGERINI Jeannel, 1949a: 29, in key [stem: *Miroclaviger-*]. Type genus: *Miroclaviger* Wasmann, 1893.

**Subtribe NEOCERINA Jeannel, 1954**

NEOCERINI Jeannel, 1954a: 316 [stem: *Neocer-*]. Type genus: *Neocerus* Wasmann, 1893. Comment: First Reviser (NEOCERINA Jeannel, 1954 vs THEOCERINA Jeannel, 1954) not determined, current usage maintained.

THEOCERINI Jeannel, 1954a: 314 [stem: *Theocer-*]. Type genus: *Theocerus* Raffray, 1897.

**Subtribe RADAMINA Jeannel, 1954**

RADAMINI Jeannel, 1954a: 319 [stem: *Radam-*]. Type genus: *Radama* Raffray, 1883.

**Subtribe THYSDARIINA Jeannel, 1954**

THYSDARIINI Jeannel, 1954a: 332 [stem: *Thysdari-*]. Type genus: *Thysdarius* Fairmaire, 1904.

**Tribe COLILODIONINI Besuchet, 1991**

COLILODIONINI Besuchet, 1991: 514 [stem: *Colilodion-*]. Type genus: *Colilodion* Besuchet, 1991.

**Tribe TIRACERINI Besuchet, 1986**

ARTICERIDES Desmarest, 1857: 145 [stem: *Articer-*]. Type genus: *Articerus* sensu Hope, 1845 [not *Articerus* Dalman, 1826; syn. of *Tiracerus* Besuchet, 1986]. Comment: based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principle of Priority (Art. 65.2.1).

TIRACERINI Besuchet, 1986: 263 [stem: *Tiracer-*]. Type genus: *Tiracerus* Besuchet, 1986.

**Supertribe EUPLECTITAE Streubel, 1839**

EUPLECTIDAE Streubel, 1839: 135 [stem: *Euplect-*]. Type genus: *Euplectus* Leach, 1817.

**Tribe BYTHINOPLECTINI Schaufuss, 1890**

BYTHINOPLECTINI L. W. Schaufuss, 1890: in table [stem: *Bythinoplect-*]. Type genus: *Bythinoplectus* Reitter, 1882.

**Subtribe BYTHINOPLECTINA Schaufuss, 1890**

BYTHINOPLECTINI L. W. Schaufuss, 1890: in table [stem: *Bythinoplect-*]. Type genus: *Bythinoplectus* Reitter, 1882.

ZETHINI L. W. Schaufuss, 1890: in table [stem: *Zeth-*]. Type genus: *Zethus* L. W. Schaufuss, 1872 [preoccupied genus name, not *Zethus* Fabricius, 1805 [Hymenoptera], not *Zethus* Pander, 1830 [Trilobita]; syn. of *Zethopsus* Reitter, 1880]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ZETHOPSINA Jeannel, 1952a: 51, in key [stem: *Zethops-*]. Type genus: *Zethopsus* Reitter, 1880.

**Subtribe PYXIDICERINA Raffray, 1904**

PYXIDICERINI Raffray, 1904: 489, in key [stem: *Pyxidicer-*]. Type genus: *Pyxidicerus* Motschulsky, 1863.

**Tribe DIMERINI Raffray, 1908**

DIMERINI Raffray, 1908: 412 [stem: *Dimer-*]. Type genus: *Dimerus* Fiori, 1899 [syn. of *Octomicrus* L. W. Schaufuss, 1877]. Comment: published before 17 March 1908; this family-group name was also used in the same year by Bernhauer (1908 [23 March]: 327, as DIMERINI); use of family-group name DIMERINI Raffray, 1908 (based on synonym) conserved (Art. 40.2); see Newton and Thayer (1992: 39).

OCTOMICRINI Jeannel, 1952a: 43 [stem: *Octomicr-*]. Type genus: *Octomicrus* L. W. Schaufuss, 1877.

**Tribe EUPLECTINI Streubel, 1839**

EUPLECTIDAE Streubel, 1839: 135 [stem: *Euplect-*]. Type genus: *Euplectus* Leach, 1817.

MITRACEPHALINI O. Park, 1951: 64, in key [stem: *Mitracephal-*]. Type genus: *Mitracephala* Raffray, 1890 [preoccupied genus name, not *Mitracephala* J. Thomson, 1859 [Coleoptera: SCARABAEIDAE]; syn. of *Mitrametopus* Raffray, 1911]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

MITRAMETOPINA O. Park, 1952: 87 [stem: *Mitrametop-*]. Type genus: *Mitrametopus* Raffray, 1911. Comment: replacement name for MITRACEPHALINI O. Park, 1951 because of the homonymy of the type genus.

**Tribe JUBINI Raffray, 1904**

JUBINI Raffray, 1904: 489, in key [stem: *Jub-*]. Type genus: *Jubus* L. W. Schaufuss, 1872.

AUXENOCERINI Jeannel, 1962a: 319 [stem: *Auxenocer-*]. Type genus: *Auxenocerus* Jeannel, 1962.

**Tribe MAYETIINI Winkler, 1925**

MAYETIINI A. Winkler, 1925: 348 [stem: *Mayeti-*]. Type genus: *Mayetia* Mulsant and Rey, 1875.

**Tribe METOPIASINI Raffray, 1904**

METOPIINI Raffray, 1904: 490, in key [stem: *Metopias-*]. Type genus: *Metopias* Gory, 1832 [placed on the Official List of Generic Names in Zoology (ICZN 1994d)]. Comment: *Metopias-* established as the correct stem and METOPIASINI Raffray, 1904 placed on the Official List of Family-Group Names in Zoology (ICZN 1994d).

**Subtribe METOPIASINA Raffray, 1904**

METOPIINI Raffray, 1904: 490, in key [stem: *Metopias-*]. Type genus: *Metopias* Gory, 1832 [placed on the Official List of Generic Names in Zoology (ICZN 1994d)]. Comment: correct original stem *Metopi-* modified to *Metopias-* and METOPIASINI Raffray, 1904 placed on the Official List of Family-Group Names in Zoology (ICZN 1994d); METOPIINI Raffray, 1904 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1994d).

**Subtribe RHINOSCEPSINA Bowman, 1934**

RHINOSCEPSII Bowman, 1934: 8 [stem: *Rhinosceps-*]. Type genus: *Rhinoscepsis* J. L. LeConte, 1878. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Rhinoscepse-*).

**Tribe TRICHONYCHINI Reitter, 1882**

TRICHONYIDES Reitter, 1882b: 194 [stem: *Trichonych-*]. Type genus: *Trichonyx* Chaudoir, 1845.

**Subtribe BIBLOPORINA Park, 1951**

BIBLOPORINI O. Park, 1951: 64, in key [stem: *Biblopor-*]. Type genus: *Bibloporus* C. G. Thomson, 1859.

BIBLOPORELLINA Jeannel, 1952a: 92 [stem: *Bibloporell-*]. Type genus: *Bibloporellus* Jeannel, 1949.

**Subtribe PANAPHANTINA Jeannel, 1950**

PANAPHANTINA Jeannel, 1950a: 76 [stem: *Panaphant-*]. Type genus: *Panaphantus* Kiesenwetter, 1858.

TRISIGNINA O. Park and Schuster, 1955: 1 [stem: *Trisign-*]. Type genus: *Trisignis* O. Park and Schuster, 1955.

ACETALIINI Jeannel, 1958a: 81 [stem: *Acetali-*]. Type genus: *Acetalius* Sharp, 1883.  
 BIBLOPLECTINA Jeannel, 1959: 96, in key [stem: *Biblopect-*]. Type genus: *Biblopectus* Reitter, 1881.

### **Subtribe TRICHONYCHINA Reitter, 1882**

TRICHONYIDES Reitter, 1882b: 194 [stem: *Trichonych-*]. Type genus: *Trichonyx* Chaudoir, 1845. Comment: incorrect original stem formation, not in prevailing usage.  
 RAFFRAYINA Jeannel, 1949a: 76 [stem: *Raffrayi-*]. Type genus: *Raffrayia* Reitter, 1882. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Jeannel (1964: 65, as RAFFRAYIINI).  
 RANAVALINI Jeannel, 1954a: 183 [stem: *Ranaval-*]. Type genus: *Ranavala* Raffray, 1898.  
 CHRESTOMERINA Jeannel, 1962a: 344 [stem: *Chrestomer-*]. Type genus: *Chrestomera* Jeannel, 1962.  
 PTERACMINI Jeannel, 1962a: 347 [stem: *Pteracmet-*]. Type genus: *Pteracmes* Raffray, 1890. Comment: incorrect original stem formation, not in prevailing usage.  
 TRIMIODYTINA Jeannel, 1964: 39 [stem: *Trimiodyt-*]. Type genus: *Trimiodytes* Raffray, 1897.

### **Subtribe TRIMIINA Bowman, 1934**

TRIMII Bowman, 1934: 8 [stem: *Trimii-*]. Type genus: *Trimium* Aubé, 1833.  
 TRIMIINA Jeannel, 1950a: 139 [stem: *Trimii-*]. Type genus: *Trimium* Aubé, 1833. Comment: family-group name proposed as new without reference to TRIMII Bowman, 1934.

### **Tribe TROGASTRINI Jeannel, 1949**

TROGASTRINI Jeannel, 1949a: 41, in key [stem: *Trogastr-*]. Type genus: *Trogaster* Sharp, 1874.

### **Subtribe PHTEGNOMINA Park, 1951**

PHTEGNOMINI O. Park, 1951: 64, in key [stem: *Phtegnom-*]. Type genus: *Phtegnomus* Raffray, 1890.

### **Subtribe RHEXIINA Park, 1951**

RHEXINI O. Park, 1951: 63, in key [stem: *Rhexi-*]. Type genus: *Rhexius* J. L. LeConte, 1849. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 39).

### **Subtribe TROGASTRINA Jeannel, 1949**

TROGASTRINI Jeannel, 1949a: 41, in key [stem: *Trogastr-*]. Type genus: *Trogaster* Sharp, 1874.



**Supertribe FARONITAE Reitter, 1882**

FARONIDES Reitter, 1882b: 194 [stem: *Faron-*]. Type genus: *Faronus* Aubé, 1844.

**Supertribe GONIACERITAE Reitter, 1882 (1872)**

GONIACERIDES Reitter, 1882b: 188 [stem: *Goniacer-*]. Type genus: *Goniacerus* Motschulsky, 1855. Comment: use of family-group name conserved over GONIASTITAE L. W. Schaufuss, 1872 (Art. 40.2) (see Newton and Thayer 1992: 39).

**Tribe ARNYLLIINI Jeannel, 1952**

ARNYLLIINI Jeannel, 1952b: 100 [stem: *Arnylli-*]. Type genus: *Arnyllium* Reitter, 1884.

**Tribe BARROSELLINI Leleup, 1973**

BARROSELLINI Leleup, 1973: 81 [stem: *Barrosell-*]. Type genus: *Barrosellus* Jeannel, 1951.

**Tribe BRACHYGLUTINI Raffray, 1904**

BRACHYGLUTINI Raffray, 1904: 490, in key [stem: *Brachyglut-*]. Type genus: *Brachygluta* C. G. Thomson, 1859.

**Subtribe BARADINA Park, 1951**

BARADIINI O. Park, 1951: 62, in key [stem: *Barad-*]. Type genus: *Barada* Raffray, 1891 [syn. of *Euphalepsus* Reitter, 1883]. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 40).

**Subtribe BRACHYGLUTINA Raffray, 1904**

BRYAXES J. L. LeConte, 1861: 57 [stem: *Bryaxe-*]. Type genus: *Bryaxis* Leach, 1817 [preoccupied genus name, not *Bryaxis* Kugelann, 1794 [Coleoptera: STAPHYLINIDAE: PSELAPHINAE: BYTHININI]; placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1969b); syn. of *Rybaxis* Saulcy, 1876]. Comment: permanently invalid (Art. 39): based on preoccupied and suppressed type genus; incorrect original stem formation, not in prevailing usage.

BRACHYGLUTINI Raffray, 1904: 490, in key [stem: *Brachyglut-*]. Type genus: *Brachygluta* C. G. Thomson, 1859. Comment: replacement name for BRYAXES J. L. LeConte, 1861.

REICHENBACHIINA Jakobson, 1910: 577 [stem: *Reichenbachi-*]. Type genus: *Reichenbachia* Leach, 1826.

GLOBINA Jeannel, 1959: 462, in key [stem: *Glob-*]. Type genus: *Globa* Raffray, 1887.

HALORABYXINA Leleup, 1969a: 138 [stem: *Halorabyx-*]. Type genus: *Halorabyxis* Jeannel, 1954 [syn. of *Physoplectus* Reitter, 1882].

PSELAPTINA O. Park, 1976: 48 [stem: *Pselapt-*]. Type genus: *Pselaptus* J. L. LeConte, 1880.

**Subtribe DECARTHRINA Park, 1951**

DECARTHRONINI O. Park, 1951: 61, in key [stem: *Decarthr-*]. Type genus: *Decarthron* Brendel, 1865. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 40).

**Subtribe EUPSENIINA Park, 1951**

EUPSENIINI O. Park, 1951: 61, in key [stem: *Eupseni-*]. Type genus: *Eupsenius* J. L. LeConte, 1849.

**Tribe BYTHININI Raffray, 1890**

BYTHININI Raffray, 1890: 83, in key [stem: *Bythin-*]. Type genus: *Bythinus* Leach, 1817 [placed on the Official List of Generic Names in Zoology (ICZN 1969b)].

**Subtribe BYTHININA Raffray, 1890**

BYTHININI Raffray, 1890: 83, in key [stem: *Bythin-*]. Type genus: *Bythinus* Leach, 1817 [placed on the Official List of Generic Names in Zoology (ICZN 1969b)].

BRYAXINA Jakobson, 1910: 579 [stem: *Bryaxe-*]. Type genus: *Bryaxis* Kugelann, 1794 [placed on the Official List of Generic Names in Zoology (ICZN 1969b)]. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe MACHAERITINA Jeannel, 1950**

MACHAERITINA Jeannel, 1950a: 168 [stem: *Machaerit-*]. Type genus: *Machaerites* Miller, 1855.

**Subtribe XENOBYTHINA Jeannel, 1950**

XENOBYTHINA Jeannel, 1950a: 201 [stem: *Xenobyth-*]. Type genus: *Xenobythus* Peyerimhoff, 1901.

**Tribe CYATHIGERINI Schaufuss, 1872**

CYATHIGERINI L. W. Schaufuss, 1872: 245 [stem: *Cyathiger-*]. Type genus: *Cyathiger* King, 1865 [syn. of *Plagiophorus* Motschulsky, 1851].

**Tribe GONIACERINI Reitter, 1882 (1872)**

GONIASTINI L. W. Schaufuss, 1872: 245 [stem: *Goniast-*]. Type genus: *Goniastes* Westwood, 1870. Comment: use of younger family-group name GONIACERINI Reitter, 1882 conserved (Art. 40.2) (see Newton and Thayer 1992: 40).

- GONIACERIDES Reitter, 1882b: 188 [stem: *Goniacer-*]. Type genus: *Goniacerus* Motschulsky, 1855. Comment: use of family-group name conserved over GONIASTINI L. W. Schaufuss, 1872 (Art. 40.2) (see Newton and Thayer 1992: 40).
- SIMINI L. W. Schaufuss, 1890: in table [stem: *Sim-*]. Type genus: *Simus* Raffray, 1882 [preoccupied genus name, not *Simus* Bonaparte, 1838 [Reptilia] or *Simus* Hodgson, 1841 [Aves]; syn. of *Ipsimus* Reitter, 1885]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- LISTRIOPHORINI L. W. Schaufuss, 1890: in table [stem: *Listriophor-*]. Type genus: *Listriophorus* L. W. Schaufuss, 1872.

### Tribe IMIRINI Jeannel, 1949

- MIRINI Raffray, 1917: 110 [stem: *Mir-*]. Type genus: *Mirus* Saulcy, 1877 [preoccupied genus name, not *Mirus* Albers, 1850 [Mollusca]; syn. of *Imirus* Reitter, 1885]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; junior homonym of MIRIDAE Hahn, 1833 (type genus *Miris* Fabricius, 1794) in Hemiptera.
- IMIRINI Jeannel, 1949a: 41, in key [stem: *Imir-*]. Type genus: *Imirus* Reitter, 1885.

### Tribe INIOCYPHINI Park, 1951

- INIOCYPHINI O. Park, 1951: 60, in key [stem: *Iniocyph-*]. Type genus: *Iniocyphus* Raffray, 1912.

#### Subtribe INIOCYPHINA Park, 1951

- INIOCYPHINI O. Park, 1951: 60, in key [stem: *Iniocyph-*]. Type genus: *Iniocyphus* Raffray, 1912. Comment: First Reviser found (INIOCYPHINA Park, 1951 vs DALMODIINA Park, 1951) is Chandler (2001: 377).
- DALMODIINI O. Park, 1951: 61, in key [stem: *Dalmod-*]. Type genus: *Dalmodes* Reitter, 1882. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 41).

#### Subtribe NATYPLEURINA Newton and Thayer, 1992

- TANYPLEURINI Jeannel, 1949a: 79 [stem: *Tanypleur-*]. Type genus: *Tanypleurus* Raffray, 1890 [preoccupied genus name, not *Tanypleurus* Steenstrup and Luetken, 1861 [Crustacea]; syn. of *Natypleurus* Newton and Thayer, 1992]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- NATYPLEURINA Newton and Thayer, 1992: 41 [stem: *Natypleur-*]. Type genus: *Natypleurus* Newton and Thayer, 1992. Comment: replacement name for TANYPLEURINI Jeannel, 1949 because of the homonymy of the type genus.

### Tribe MACHADOINI Jeannel, 1951

- MACHADOINI Jeannel, 1951: 105 [stem: *Machado-*]. Type genus: *Machadous* Jeannel, 1951.

**Tribe PROTERINI Jeannel, 1949**

PROTERINI Jeannel, 1949a: 41, in key [stem: *Proter-*]. Type genus: *Proterus* Raffray, 1897.

**Tribe PYGOXYINI Reitter, 1909**

PYGOXYINI Reitter, 1909: 202 [stem: *Pygoxy-*]. Type genus: *Pygoxyon* Reitter, 1880.

**Tribe SPELEOBAMINI Park, 1951**

SPELEOBAMINI O. Park, 1951: 51 [stem: *Speleobam-*]. Type genus: *Speleobama* O. Park, 1951.

**Tribe TYCHINI Raffray, 1904**

TYCHINI Raffray, 1904: 490, in key [stem: *Tych-*]. Type genus: *Tychus* Leach, 1817.

**Tribe VALDINI Park, 1953**

VALDIINI O. Park, 1953: 261 [stem: *Vald-*]. Type genus: *Valda* Casey, 1894. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 41).

**Supertribe PSELAPHITAE Latreille, 1802**

PSELAPHII Latreille, 1802: 239 [stem: *Pselaph-*]. Type genus: *Pselaphus* Herbst, 1791.

**Tribe ARHYTODINI Raffray, 1890**

ARHYTODINI Raffray, 1890: 84, in key [stem: *Arhytod-*]. Type genus: *Arhytodes* Reitter, 1882 [syn. of *Rhytus* Westwood, 1870].

HOLOZODINI Raffray, 1900: 518 [stem: *Holozod-*]. Type genus: *Holozodus* Fairmaire, 1898.

**Tribe ATTAPSENIINI Bruch, 1933**

ATTAPSENIINI Bruch, 1933a: 26 [stem: *Attapseni-*]. Type genus: *Attapsenius* Bruch, 1933.

**Tribe CTENISTINI Blanchard, 1845**

CTÉNISTITES Blanchard, 1845a: 306 [stem: *Ctenist-*]. Type genus: *Ctenistes* Reichenbach, 1816. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Reitter (1882b: 183, as CTENISTINI), generally accepted as in Chandler (2001: 484, as CTENISTINI).

CHENNIIDES Reitter, 1882b: 183 [stem: *Chenni-*]. Type genus: *Chennium* Latreille, 1807.

**Tribe HYBOCEPHALINI Raffray, 1890**

HYBOCEPHALINI Raffray, 1890: 83, in key [stem: *Hybocephal-*]. Type genus: *Hybocephalus* Motschulsky, 1851.

MESTOGASTRINA Jakobson, 1910: 585 [stem: *Mestogastr-*]. Type genus: *Mestogaster* Schmidt-Göbel, 1838.

**Tribe ODONTALGINI Jeannel, 1949**

ODONTALGINI Jeannel, 1949a: 177 [stem: *Odontalg-*]. Type genus: *Odontalgus* Raffray, 1877.

**Tribe PACHYGASTRODINI Leleup, 1969**

PACHYGASTRODINI Leleup, 1969b: 282 [stem: *Pachygastrod-*]. Type genus: *Pachygastrodes* Leleup, 1969.

**Tribe PHALEPSINI Jeannel, 1949**

PHALEPSINI Jeannel, 1949a: 208 [stem: *Phaleps-*]. Type genus: *Phalepsus* Westwood, 1870.

**Tribe PSELAPHINI Latreille, 1802**

PSELAPHII Latreille, 1802: 239 [stem: *Pselaph-*]. Type genus: *Pselaphus* Herbst, 1791.

**Tribe SCHISTODACTYLINI Raffray, 1890**

SCHISTODACTYLINI Raffray, 1890: 84, in key [stem: *Schistodactyl-*]. Type genus: *Schistodactylus* Raffray, 1883.

**Tribe TMESIPHORINI Jeannel, 1949**

TMESIPHORINI Jeannel, 1949a: 202 [stem: *Tmesiphor-*]. Type genus: *Tmesiphorus* J. L. LeConte, 1849.

**Tribe TYRINI Reitter, 1882**

TYRIDES Reitter, 1882b: 184 [stem: *Tyr-*]. Type genus: *Tyrus* Aubé, 1833.

**Subtribe CENTROPHTHALMINA Jeannel, 1949**

CENTROPHTHALMINA Jeannel, 1949a: 209, in key [stem: *Centrophthalm-*]. Type genus: *Centrophthalmus* Schmidt-Göbel, 1838.

PETANOPINI Jeannel, 1954b: 102, in key [stem: *Petanop-*]. Type genus: *Petanops* Jeannel, 1954 [syn. of *Daveyia* Lea, 1912].

**Subtribe JANUSCULINA Cerruti, 1970**

JANUSCULINA Cerruti, 1970: 123 [stem: *Januscul-*]. Type genus: *Janusculus* Cerruti, 1970.

**Subtribe SOMATIPIONINA Jeannel, 1949**

SOMATIPIONINI Jeannel, 1949a: 208 [stem: *Somatipion-*]. Type genus: *Somatipion* L. W. Schaufuss, 1877.



HAMOTINI O. Park, 1951: 67, in key [stem: *Hamot*-]. Type genus: *Hamotus* Aubé, 1844.

### **Subtribe TYRINA Reitter, 1882**

TYRIDES Reitter, 1882b: 184 [stem: *Tyr*-]. Type genus: *Tyrus* Aubé, 1833.

CHALCOPLECTINI Oke, 1925: 13 [stem: *Chalcoplect*-]. Type genus: *Chalcoplectus* Oke, 1925.

CEOPHYLLINI O. Park, 1951: 67, in key [stem: *Ceophyll*-]. Type genus: *Ceophyllus* J. L. LeConte, 1849.

### **Subfamily PHLOEOCHARINAE Erichson, 1839**

PHLOEOCHARINI Erichson, 1839a: 612 [stem: *Phloeochar*-]. Type genus: *Phloeocharis* Mannerheim, 1830. Comment: this family-group name was also used in the same year by Erichson (1839b: 31, as PHLOEOCHARINI) and Heer (1839b: 5, as PHLOEOCHARINA); for comments about the priority of these works see Newton and Thayer (1992: 24); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Phloeocharit*-).

SCOTODYTIDAE Saulcy, 1870: 90 [stem: *Scotodyt*-]. Type genus: *Scotodytes* Saulcy, 1865 [syn. of *Phloeocharis* Mannerheim, 1830].

### **Subfamily OLISTHAERINAE Thomson, 1858**

OLISTHAERINI C. G. Thomson, 1858: 38 [stem: *Olisthaer*-]. Type genus: *Olisthaerus* Dejean, 1833.

### **Subfamily TACHYPORINAE MacLeay, 1825**

TACHYPORIDAE W. S. MacLeay, 1825: 49 [stem: *Tachypor*-]. Type genus: *Tachyporus* Gravenhorst, 1802.

### **Tribe DEROPINI Smetana, 1983**

DEROPSINI Smetana, 1983: 272 [stem: *Derop*-]. Type genus: *Derops* Sharp, 1889.

Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 66).

### **Tribe MEGARTHROPSINI Cameron, 1919**

MEGARTHROPSINI Cameron, 1919: 231 [stem: *Megarthritis*-]. Type genus: *Megarthritis* Cameron, 1919. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Megarthropse*-).

### **Tribe MYCETOPORINI Thomson, 1859**

MYCETOPORIDES C. G. Thomson, 1859: 46 [stem: *Mycetopor*-]. Type genus: *Mycetoporus* Mannerheim, 1830 [placed on the Official List of Generic Names in Zoology (ICZN 1993c)].

BOLITOBII G. H. Horn, 1877: 83 [stem: *Bolitobi-*]. Type genus: *Bolitobius* Leach, 1819.

### Tribe TACHYPORINI MacLeay, 1825

TACHINIDAE Fleming, 1821: 49 [stem: *Tachinus-*]. Type genus: *Tachinus* Gravenhorst, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1993f)]. Comment: senior homonym of TACHINARIAE Robineau-Desvoidy, 1830 [Diptera: TACHINIDAE], stem emended to *Tachinus-* and TACHINUSIDAE Fleming, 1821 placed on the Official List of Family-Group Names in Zoology (ICZN 1993f); TACHINIDAE Fleming, 1821 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1993f).

TACHYPORIDAE W. S. MacLeay, 1825: 49 [stem: *Tachypor-*]. Type genus: *Tachyporus* Gravenhorst, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1993f)]. Comment: family-group name given precedence over TACHINUSIDAE Fleming, 1821 and placed on the Official List of Family-Group Names in Zoology (ICZN 1993f).

SYMMIXINI Bernhauer, 1915: 56 [stem: *Symmix-*]. Type genus: *Symmixus* Bernhauer, 1915.

EUCONOSOMINI Cameron, 1918: 216 [stem: *Euconosomat-*]. Type genus: *Euconosoma* Cameron, 1918. Comment: incorrect original stem formation, not in prevailing usage.

CONOSOMINI Jeannel and Jarrige, 1949: 335 [stem: *Conosomat-*]. Type genus: *Conosoma* Kraatz, 1857 [preoccupied genus name, not *Conosoma* Lenz, 1794 [Diptera]; syn. of *Tachinus* Gravenhorst, 1802]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

SEPEDOPHILINI Ádám, 2001: 199 [stem: *Sepedophil-*]. Type genus: *Sepedophilus* Gistel, 1856. Comment: **syn. nov.**

### Tribe VATESINI Seevers, 1958

XENOCEPHALINI Wasmann, 1887: 411 [stem: *Xenocephal-*]. Type genus: *Xenocephalus* Wasmann, 1887 [preoccupied genus name, not *Xenocephalus* Kaup, 1858 [Pisces]; replaced by *Wasmannotherium* Bernhauer, 1921; syn. of *Vatesus* Sharp, 1876]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

VATESINI Seevers, 1958: 183 [stem: *Vates-*]. Type genus: *Vatesus* Sharp, 1876. Comment: replacement name for XENOCEPHALINI Wasmann, 1887 because of the homonymy of the type genus.

### Subfamily TRICHOPHYINAE Thomson, 1858

TRICHOPHYINI C. G. Thomson, 1858: 30 [stem: *Trichophy-*]. Type genus: *Trichophya* Mannerheim, 1830.

**Subfamily HABROCERINAE Mulsant and Rey, 1876**

HABROCÉRIENS Mulsant and Rey, 1876: 210 [stem: *Habrocer-*]. Type genus: *Habrocerus* Erichson, 1839. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by G. H. Horn (1877: 83, as HABROCERI), generally accepted as in Newton and Thayer (1992: 56, as HABROCERINAE).

**Subfamily ALEOCHARINAE Fleming, 1821**

ALEOCHARIDAE Fleming, 1821: 49 [stem: *Aleochar-*]. Type genus: *Aleochara* Gravenhorst, 1802. Comment: First Reviser (ALEOCHARINAE Fleming, 1821 vs LOMECHUSINAE Fleming, 1821) not determined, current usage maintained.

**Tribe ACTOCHARINI Bernhauer and Schubert, 1911**

ACTOCHARI Bernhauer and Schubert, 1911: 91 [stem: *Actochar-*]. Type genus: *Actocharis* Fauvel, 1869. Comment: originally proposed as a subtribe of OXYTELINI Fleming, 1821; current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Actocharit-*).

**Tribe AENICTOTERATINI Kistner, 1993**

AENICTOTERATINI Kistner, 1993: 242 [stem: *Aenictoterat-*]. Type genus: *Aenictoteras* W. M. Wheeler, 1932.

**Tribe AKATASTOPSISINI Pace, 2000**

AKATASTOPSISINI Pace, 2000a: 112 [stem: *Akatastopsis-*]. Type genus: *Akatastopsis* Pace, 2000.

**Tribe ALEOCHARINI Fleming, 1821**

ALEOCHARIDAE Fleming, 1821: 49 [stem: *Aleochar-*]. Type genus: *Aleochara* Gravenhorst, 1802.

**Subtribe ALEOCHARINA Fleming, 1821**

ALEOCHARIDAE Fleming, 1821: 49 [stem: *Aleochar-*]. Type genus: *Aleochara* Gravenhorst, 1802.

PIOCHARDIAE Fenyès, 1918: 20 [stem: *Piochardi-*]. Type genus: *Piochardia* Heyden, 1870.

**Subtribe COMPACTOPEDIINA Kistner, 1970**

COMPACTOPEDINA Kistner, 1970b: 18 [stem: *Compactopedi-*]. Type genus: *Compactopedia* Kistner, 1970. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 47).

**Subtribe HODOXENINA Kistner, 1970**

HODOXENINA Kistner, 1970a: 12 [stem: *Hodoxen-*]. Type genus: *Hodoxenus* Kistner, 1970.

**Tribe ATHETINI Casey, 1910**

ATHETAE Casey, 1910: 2 [stem: *Athet-*]. Type genus: *Atheta* C. G. Thomson, 1858 [placed on the Official List of Generic Names in Zoology (ICZN 1961b)]. Comment: notice of a new application for the conservation of this name over the older name CALLICERINI Jakobson, 1908 by Gusarov was recently published in the Bulletin of Zoological Nomenclature (2010: 270; also see Appendix 6).

**Subtribe ATHETINA Casey, 1910**

CALLICERINA Jakobson, 1908: 448 [stem: *Callicer-*]. Type genus: *Callicerus* Gravenhorst, 1802. Comment: junior homonym of CALLICERINA Rondani, 1856 (type genus *Callicera* Panzer, 1806) in Diptera: SYRPHIDAE; notice of a new application for the suppression of this name by Gusarov was recently published in the Bulletin of Zoological Nomenclature (2010: 270; also see Appendix 6).

ATHETAE Casey, 1910: 2 [stem: *Athet-*]. Type genus: *Atheta* C. G. Thomson, 1858 [placed on the Official List of Generic Names in Zoology (ICZN 1961b)]. Comment: notice of a new application for the conservation of this name over the older name CALLICERINA Jakobson, 1908 by Gusarov was recently published in the Bulletin of Zoological Nomenclature (2010: 270; also see Appendix 6).

STRIGOTAE Casey, 1910: 176 [stem: *Strigot-*]. Type genus: *Strigota* Casey, 1910.

PLAGIARTHRIINI Cameron, 1926: 184 [stem: *Plagiarthrin-*]. Type genus: *Plagiarthrina* Keys, 1920 [syn. of *Atheta* C. G. Thomson, 1858]. Comment: incorrect original stem formation, not in prevailing usage.

ISCHNOPODINI Hatch, 1957: 141 [stem: *Ischnopod-*]. Type genus: *Ischnopoda* sensu Westwood, 1838 [not *Ischnopoda* Stephens, 1835 (see ICZN 1961b); syn. of *Acrotona* C. G. Thomson, 1859]. Comment: based on misidentified type genus.

\*XENOTAE Seevers, 1978: 113 [stem: *Xenot-*]. Type genus: *Xenota* Mulsant and Rey, 1873 [subgenus of *Atheta* C. G. Thomson, 1858]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

ACROTONAE Seevers, 1978: 97 [stem: *Acroton-*]. Type genus: *Acrotona* C. G. Thomson, 1859 [placed on the Official List of Generic Names in Zoology (ICZN 1961b)].

GEOSTIBAE Seevers, 1978: 126 [stem: *Geostib-*]. Type genus: *Geostiba* C. G. Thomson, 1858 [placed on the Official List of Generic Names in Zoology (ICZN 2005a)].

DIMETROTAE Seevers, 1978: 102 [stem: *Dimetrot-*]. Type genus: *Dimetrota* Mulsant and Rey, 1873 [subgenus of *Atheta* C. G. Thomson, 1858].

\*HYDROSMECTINA Muona, 1979: 23 [stem: *Hydrosmect-*]. Type genus: *Hydros-mecta* C. G. Thomson, 1858. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*TRICHOMICRINA Muona, 1979: 23 [stem: *Trichomicr-*]. Type genus: *Trichomi-cra* Brundin, 1945. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*DADOBIINA Muona, 1979: 23 [stem: *Dadobi-*]. Type genus: *Dadobia* C. G. Thomson, 1858. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*AMISCHINA Muona, 1979: 25 [stem: *Amisch-*]. Type genus: *Amischa* C. G. Thomson, 1858. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### **Subtribe COPTOTERMOECIINA Kistner and Pasteels, 1970**

\*COPTOTERMOECIINA Seevers, 1957: 248 [stem: *Coptotermoeci-*]. Type genus: *Coptotermoecia* Oke, 1933. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

COPTOTERMOECIINA Kistner and Pasteels, 1970: 86 [stem: *Coptotermoeci-*]. Type genus: *Coptotermoecia* Oke, 1933.

### **Subtribe MICROCEROXENINA Kistner, 1970**

MICROCEROXENINA Kistner, 1970c: 10 [stem: *Microceroxen-*]. Type genus: *Microceroxenus* Kistner, 1970.

### **Subtribe NASUTIPHILINA Kistner, 1970**

NASUTIPHILINA Kistner, 1970d: 500 [stem: *Nasutiphil-*]. Type genus: *Nasutiphilus* Kistner, 1970.

### **Subtribe SCHISTOGENIINA Fenyès, 1918**

SCHISTOGENIAE Fenyès, 1918: 18 [stem: *Schistogeni-*]. Type genus: *Schistogenia* Kraatz, 1857.



**Subtribe TAXICERINA Lohse, 1989**

TAXICERINA Lohse, 1989: 210 [stem: *Taxicer-*]. Type genus: *Taxicera* Mulsant and Rey, 1873.

**Subtribe TERMITOTELINA Kistner, 1970**

\*TERMITOTELINA Seevers, 1957: 250 [stem: *Termitotel-*]. Type genus: *Termitotelus* Wasmann, 1908. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

TERMITOTELINA Kistner, 1970a: 4 [stem: *Termitotel-*]. Type genus: *Termitotelus* Wasmann, 1908.

**Subtribe THAMIARAEINA Fenyès, 1921**

THAMIARAEINI Fenyès, 1921: 34 [stem: *Thamiarae-*]. Type genus: *Thamiaraea* C. G. Thomson, 1858.

**Tribe AUTALIINI Thomson, 1859**

AUTALIIDES C. G. Thomson, 1859: 30 [stem: *Autali-*]. Type genus: *Autalia* Leach, 1819.

OPHIOGLOSSAE Fenyès, 1918: 18 [stem: *Ophiogloss-*]. Type genus: *Ophioglossa* Fauvel, 1866.

RHOPALOGASTRA Fenyès, 1918: 17 [stem: *Rhopalogastr-*]. Type genus: *Rhopalogastrum* Bernhauer, 1912.

**Tribe CORDOBANINI Bernhauer, 1910**

CORDOBANINI Bernhauer, 1910: 386 [stem: *Cordoban-*]. Type genus: *Cordobanus* Bernhauer, 1910.

**Tribe COROTOCINI Fenyès, 1918**

COROTOCINI Fenyès, 1918: 61 [stem: *Corotoc-*]. Type genus: *Corotoca* Schiødte, 1847.

**Subtribe ABROTELINA Seevers, 1957**

ABROTELINA Seevers, 1957: 121 [stem: *Abrotel-*]. Type genus: *Abroteles* Casey, 1889.

**Subtribe COROTOCINA Fenyès, 1918**

COROTOCINI Fenyès, 1918: 61 [stem: *Corotoc-*]. Type genus: *Corotoca* Schiødte, 1847.

TERMITOMIMINI Fenyès, 1921: 33 [stem: *Termitomim-*]. Type genus: *Termitomimus* Trägårdh, 1907.

**Subtribe EBURNIOGASTRINA Jacobson, Kistner and Pasteels, 1986**

EBURNIOGASTRINA Jacobson et al., 1986: 27 [stem: *Eburniogastr-*]. Type genus: *Eburniogaster* Seevers, 1938.

**Subtribe NASUTITELLINA Jacobson, Kistner and Pasteels, 1986**

NASUTITELLINA Jacobson et al., 1986: 95 [stem: *Nasutitell-*]. Type genus: *Nasutitella* Pasteels, 1967.

**Subtribe SPHURIDAETHINA Pace, 1988**

SPHURIDAETHINA Pace, 1988: 980 [stem: *Sphuridaeth-*]. Type genus: *Sphuridaethes* Pace, 1988.

**Subtribe TERMITOCHARINA Seevers, 1957**

TERMITOCHARINA Seevers, 1957: 64, in key [stem: *Termitochar-*]. Type genus: *Termitochara* Wasmann, 1893.

**Subtribe TERMITOCUPIDINA Jacobson, Kistner and Pasteels, 1986**

TERMITOCUPIDINA Jacobson et al., 1986: 35 [stem: *Termitocupid-*]. Type genus: *Termitocupidus* Jacobson et al., 1986.

**Subtribe TERMITOGASTRINA Bernhauer and Scheerpeltz, 1926**

TERMITOGASTRI Bernhauer and Scheerpeltz, 1926: 734 [stem: *Termitogastr-*]. Type genus: *Termitogaster* Casey, 1889.

TERMITELLCI Jacobson et al., 1986: 47 [stem: *Termitell-*]. Type genus: *Termitella* Wasmann, 1911. Comment: proposed as an infratribe, a rank not used here.

TERMITOGASTRICI Jacobson et al., 1986: 58 [stem: *Termitogastr-*]. Type genus: *Termitogaster* Casey, 1889. Comment: family-group name proposed as a new taxon, without reference to TERMITOGASTRI Bernhauer and Scheerpeltz, 1926; proposed as an infratribe, a rank not used here.

**Subtribe TERMITOICEINA Jacobson, Kistner and Pasteels, 1986**

TERMITOICEINA Jacobson et al., 1986: 84 [stem: *Termitoice-*]. Type genus: *Termitoiceus* Silvestri, 1901.

**Subtribe TERMITOPITHINA Jacobson, Kistner and Pasteels, 1986**

TERMITOPITHINA Jacobson et al., 1986: 80 [stem: *Termitopith-*]. Type genus: *Termitopithus* Seevers, 1957.

**Subtribe TERMITOPTOCHINA Fenyès, 1921**

TERMITOPTOCHINI Fenyès, 1921: 33 [stem: *Termitoptoch-*]. Type genus: *Termitoptochus* Silvestri, 1911.

TERMITOPTOCHINA Jacobson et al., 1986: 96 [stem: *Termitoptoch-*]. Type genus: *Termitoptochus* Silvestri, 1911. Comment: family-group name proposed as new without reference to TERMITOPTOCHINI Fenyés, 1921.

### **Subtribe TIMEPARTHENINA Fenyés, 1921**

TIMEPARTHENINI Fenyés, 1921: 34 [stem: *Timeparthen-*]. Type genus: *Timeparthenus* Silvestri, 1901.

### **Tribe CREMATOXENINI Mann, 1921**

CREMATOXENINI Mann, 1921: 547 [stem: *Crematoxen-*]. Type genus: *Crematoxenus* Mann, 1921.

PULICOMORPHINI Mann, 1924: 87 [stem: *Pulicomorph-*]. Type genus: *Pulicomorpha* Mann, 1924.

PHILACAMATINI Bruch, 1933b: 206 [stem: *Philacamat-*]. Type genus: *Philacamatus* Bruch, 1933.

### **Tribe CRYPTONOTOPSEINI Pace, 2003**

CRYPTONOTOPSISINI Pace, 2003: 38 [stem: *Cryptonotopse-*]. Type genus: *Cryptonotopsis* Pace, 2003. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe DEINOPSINI Sharp, 1883**

DEINOPSINI Sharp, 1883: 294 [stem: *Deinops-*]. Type genus: *Deinopsis* A. Matthews, 1838. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Deinopse-*).

ADINOPSINI Cameron, 1919: 242 [stem: *Adinopse-*]. Type genus: *Adinopsis* Cameron, 1919. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe DIESTOTINI Mulsant and Rey, 1871**

DIESTOTATES Mulsant and Rey, 1871c: 96 [stem: *Diestot-*]. Type genus: *Diestota* Mulsant and Rey, 1870. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Lohse (1989: 186, as DIESTOTINI), generally accepted as in Newton and Thayer (1992: 49, as DIESTOTINI).

ELACHISTARTHONINI Notman, 1920: 714 [stem: *Elachistarthr-*]. Type genus: *Elachistarthron* Notman, 1920 [syn. of *Diestota* Mulsant and Rey, 1870]. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 49).

### **Tribe DIGLOTTINI Jakobson, 1909**

DIGLOSSAIRES Mulsant and Rey, 1873a: 73 [stem: *Digloss-*]. Type genus: *Diglossa* Haliday, 1837 [preoccupied genus name, not *Diglossa* Wagler, 1832 [Aves]; syn. of *Diglotta* Champion, 1899]. Comment: original vernacular name avail-

able (Art. 11.7.2): first used in latinized form and generally accepted as in Ganglbauer (1895: 313, as DIGLOSSINI); permanently invalid (Art. 39): based on preoccupied type genus.

DIGLOTTINA Jakobson, 1909: 529 [stem: *Diglott-*]. Type genus: *Diglotta* Champion, 1899. Comment: published 4 March 1909; this family-group name was also used in the same year by Eichelbaum (1909 [before 26 December]: 204, as DIGLOTTINI).

### **Tribe DIGRAMMINI Fauvel, 1900**

DIGRAMMINI Fauvel, 1900: 123 [stem: *Digramm-*]. Type genus: *Digrammus* Fauvel, 1900.

### **Tribe DORYLOGASTRINI Wasmann, 1916**

DORYLOGASTRINI Wasmann, 1916a: 103 [stem: *Dorylogastr-*]. Type genus: *Dorylogaster* Wasmann, 1904.

### **Tribe DORYLOMIMINI Wasmann, 1916**

DORYLOMIMINI Wasmann, 1916a: 99 [stem: *Dorylomim-*]. Type genus: *Dorylomimus* Wasmann, 1902.

### **Tribe DREPANOXENINI Kistner and Watson, 1972**

DREPANOXENINI Kistner and Watson, 1972: 2 [stem: *Drepanoxen-*]. Type genus: *Drepanoxenus* Kistner and Watson, 1972.

### **Tribe ECITOCHARINI Seevers, 1965**

ECITOCHARINI Seevers, 1965: 287 [stem: *Ecitochar-*]. Type genus: *Ecitochara* Wasmann, 1887.

### **Tribe ECITOGASTRINI Fenyés, 1918**

ECITOGASTRINI Fenyés, 1918: 74 [stem: *Ecitogastr-*]. Type genus: *Ecitogaster* Wasmann, 1899.

### **Tribe EUSTENIAMORPHINI Bernhauer and Scheerpeltz, 1926**

EUSTENIAMORPHINI Bernhauer and Scheerpeltz, 1926: 517 [stem: *Eusteniamorph-*]. Type genus: *Eusteniamorpha* Cameron, 1920.

### **Tribe FALAGRIINI Mulsant and Rey, 1873**

FALAGRIATES Mulsant and Rey, 1873b: 8 [stem: *Falagri-*]. Type genus: *Falagria* Leach, 1819. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1874 [Gatt.]: 71, as FALAGRIINA), generally accepted as in Newton and Thayer (1992: 50, as FALAGRIINI).

**Tribe FELDINI Kistner, 1972**

\*FELDINA Seevers, 1957: 236 [stem: *Feld-*]. Type genus: *Felda* Blackwelder, 1952.

Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

FELDINI Kistner, 1972: 2 [stem: *Feld-*]. Type genus: *Felda* Blackwelder, 1952.

**Tribe GYMNUSINI Heer, 1839**

GYMNUSIDA Heer, 1839a: 302 [stem: *Gymnus-*]. Type genus: *Gymnusa* Gravenhorst, 1806. Comment: this family-group name was also used in the same year by Heer (1839b: 49, as GYMNUSIDA); for comments about the priority of these works see Newton and Thayer (1992: 24).

**Tribe HIMALUSINI Klimaszewski, Pace and Center, 2010**

HIMALUSINI Klimaszewski et al., 2010: 3 [stem: *Himalus-*]. Type genus: *Himalusa* Pace, 2006.

**Tribe HOMALOTINI Heer, 1839**

HOMALOTIDA Heer, 1839a: 305 [stem: *Homalot-*]. Type genus: *Homalota* Mannerheim, 1830.

**Subtribe BOLITOCARINA Thomson, 1859**

BOLITOCARIDES C. G. Thomson, 1859: 31 [stem: *Bolitochar-*]. Type genus: *Bolitochara* Mannerheim, 1830 [placed on the Official List of Generic Names in Zoology (ICZN 1961a)]. Comment: First Revisers found (BOLITOCARINI C. G. Thomson, 1859 vs EURYUSINI C. G. Thomson, 1859) are Newton and Thayer (1992: 50); BOLITOCARINI C. G. Thomson, 1859 placed on the Official List of Family-Group Names in Zoology (ICZN 1961a); the original spelling BOLITOCARIDES C. G. Thomson, 1859 and several subsequent spellings of this name placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1961a).

EURYUSIDES C. G. Thomson, 1859: 40 [stem: *Euryus-*]. Type genus: *Euryusa* Erichson, 1837.

SIPALIAE Casey, 1910: 167 [stem: *Sipali-*]. Type genus: *Sipalia* Mulsant and Rey, 1853 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 2005d)]. Comment: permanently invalid (Art. 39): based on suppressed type genus.

HETEROTAE Fenyes, 1918: 18 [stem: *Heterot-*]. Type genus: *Heterota* Mulsant and Rey, 1873.

LEPTUSAE Fenyes, 1918: 18 [stem: *Leptus-*]. Type genus: *Leptusa* Kraatz, 1856 [placed on the Official List of Generic Names in Zoology (ICZN 2005d)].

NANOGLOSSAE Fenyes, 1918: 20 [stem: *Nanogloss-*]. Type genus: *Nanoglossa* Fauvel, 1868 [subgenus of *Leptusa* Kraatz, 1856].



DITROPALIINI Hatch, 1957: 134, in key, 147 [stem: *Ditropali-*]. Type genus: *Ditropalia* Casey, 1906 [syn. of *Bolitochara* Mannerheim, 1830]. Comment: this taxon was named correctly DITROPALIINI in the text on p. 147 but incorrect as BOLITOCARINI in the key on p. 134.

**Subtribe DINARDOPSINA Bernhauer and Scheerpeltz, 1926**

DINARDOPSES Bernhauer and Scheerpeltz, 1926: 525, 804 [stem: *Dinardops-*]. Type genus: *Dinardopsis* Bruch, 1917. Comment: the erroneous spelling DINARDOPSIS was used in the catalogue on p. 525 but this was corrected to DINARDOPSES on page 804 of the same work; current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Dinardopse-*).

**Subtribe GYROPHAENINA Kraatz, 1856**

GYROPHAENINI Kraatz, 1856: 351 [stem: *Gyrophæen-*]. Type genus: *Gyrophæna* Mannerheim, 1830.

**Subtribe HOMALOTINA Heer, 1839**

HOMALOTIDA Heer, 1839a: 305 [stem: *Homalot-*]. Type genus: *Homalota* Mannerheim, 1830. Comment: this family-group name was also used in the same year by Heer (1839b: 50, as HOMALOTIDA); for comments about the priority of these works see Newton and Thayer (1992: 24).

THECTUROTAE Fenyès, 1918: 18 [stem: *Thecturot-*]. Type genus: *Thecturota* Casey, 1893.

\*CYPHEAE Seevers, 1978: 272 [stem: *Cyphe-*]. Type genus: *Cyphea* Fauvel, 1863. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Subtribe SILUSINA Fenyès, 1918**

SILUSAE Fenyès, 1918: 17 [stem: *Silus-*]. Type genus: *Silusa* Erichson, 1837.

**Tribe HOPLANDRIINI Casey, 1910**

HOPLANDRIAE Casey, 1910: 170 [stem: *Hoplandri-*]. Type genus: *Hoplandria* Kraatz, 1857.

**Subtribe HOPLANDRIINA Casey, 1910**

HOPLANDRIAE Casey, 1910: 170 [stem: *Hoplandri-*]. Type genus: *Hoplandria* Kraatz, 1857.

**Subtribe PLATANDRIINA Hanley, 2002**

PLATANDRIINA Hanley, 2002: 317 [stem: *Platandri-*]. Type genus: *Platandria* Casey, 1893.

**Subtribe PSEUDOPLANDRIINA Hanley, 2002**

PSEUDOPLANDRIINA Hanley, 2002: 317 [stem: *Pseudoplandri-*]. Type genus: *Pseudoplandria* Fenyes, 1921.

**Tribe HYGRONOMINI Thomson, 1859**

HYGRONOMIDES C. G. Thomson, 1859: 31 [stem: *Hygronom-*]. Type genus: *Hygronoma* Erichson, 1837.

**Subtribe HYGRONOMINA Thomson, 1859**

HYGRONOMIDES C. G. Thomson, 1859: 31 [stem: *Hygronom-*]. Type genus: *Hygronoma* Erichson, 1837.

**Subtribe SAPHOGLOSSINA Bernhauer and Scheerpeltz, 1926**

SAPHOGLOSSAE Bernhauer and Scheerpeltz, 1926: 521 [stem: *Saphogloss-*]. Type genus: *Saphoglossa* Sharp, 1883.

**Tribe HYPOCYPHTINI Laporte, 1835**

HYPOCYPHTIDAE Laporte, 1835a: 135 [stem: *Hypocypht-*]. Type genus: *Hypocyphtus* Gyllenhal, 1827 [syn. of *Cypha* Leach, 1819].

OLIGOTIDES C. G. Thomson, 1859: 30 [stem: *Oligot-*]. Type genus: *Oligota* Man-  
nerheim, 1830.

NEMATOSCELINI Fenyes, 1921: 33 [stem: *Nematoscelid-*]. Type genus: *Nematoscelis* Wol-  
laston, 1867. Comment: incorrect original stem formation, not in prevailing usage.

\*CYPHINAE Lohse, 1974: 7 [stem: *Cyph-*]. Type genus: *Cypha* Leach, 1819. Com-  
ment: family-group name unavailable (Art. 11.6): originally published as syn-  
onym and not made available subsequently; also see CYPHINI Lacordaire, 1863  
(type genus *Cyphus* Germar, 1824) in Coleoptera: CURCULIONIDAE.

**Tribe LEUCOCRASPEDINI Fenyes, 1921**

LEUCOCRASPEDINI Fenyes, 1921: 34 [stem: *Leucocrasped-*]. Type genus: *Leuco-  
craspedum* Kraatz, 1859.

**Tribe LIPAROCEPHALINI Fenyes, 1918**

LIPAROCEPHALI Fenyes, 1918: 18 [stem: *Liparocephal-*]. Type genus: *Liparocephalus*  
Mäklin, 1853.

**Tribe LOMECHUSINI Fleming, 1821**

LOMECHUSIDAE Fleming, 1821: 49 [stem: *Lomechus-*]. Type genus: *Lomechusa*  
Gravenhorst, 1806.

**Subtribe AENICTOBIINA Kistner, 1997**

AENICTOBIINA Kistner, 1997: 174 [stem: *Aenictobi-*]. Type genus: *Aenictobia*  
Seevers, 1953.

**Subtribe LOMECHUSINA Fleming, 1821**

LOMECHUSIDAE Fleming, 1821: 49 [stem: *Lomechus*]. Type genus: *Lomechusa* Gravenhorst, 1806.

XENODUSAE Seevers, 1978: 155 [stem: *Xenodus*]. Type genus: *Xenodusa* Wasmann, 1894.

**Subtribe MYRMEDONIINA Thomson, 1867**

MYRMEDONIIDES C. G. Thomson, 1867: 209 [stem: *Myrmedoni*]. Type genus: *Myrmedonia* Erichson, 1837 [syn. of *Zyras* Stephens, 1835].

\*MYRMÉCIATES Mulsant and Rey, 1873b: 98 [stem: *Myrmoeci*]. Type genus: *Myrmoecia* Mulsant and Rey, 1873. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

ZYRINI Bradley, 1930: 83 [stem: *Zyr*]. Type genus: *Zyras* Stephens, 1835 [placed on the Official List of Generic Names in Zoology (ICZN 1961a)].

\*ECITOPORAE Seevers, 1978: 13 [stem: *Ecitopor*]. Type genus: *Ecitopora* Wasmann, 1887. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*TETRADONIAE Seevers, 1978: 13 [stem: *Tetradoni*]. Type genus: *Tetradonia* Wasmann, 1894. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*DINOCORYNAE Seevers, 1978: 13 [stem: *Dinocoryn*]. Type genus: *Dinocoryna* Casey, 1893. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Subtribe TERMITOZYRINA Seevers, 1957**

TERMITOZYRINA Seevers, 1957: 62, in key [stem: *Termitozyr*]. Type genus: *Termitozyras* Seevers, 1957.

**Tribe MASURIINI Cameron, 1939**

MASURIINI Cameron, 1939: 24 [stem: *Masuri*]. Type genus: *Masuria* Cameron, 1928.

**Tribe MESOPORINI Cameron, 1959**

MESOPORINAE Cameron, 1959: 119 [stem: *Mesopor*]. Type genus: *Mesoporus* Cameron, 1959.

**Tribe MIMANOMMATINI Wasmann, 1912**

MIMANOMMATINAE Wasmann, 1912: 478 [stem: *Mimanommat*]. Type genus: *Mimanomma* Wasmann, 1912.

**Subtribe DORYLOPHILINA Fenyès, 1921**

DORYLOPHILINI Fenyès, 1921: 34 [stem: *Dorylophil-*]. Type genus: *Dorylophila* Wasmann, 1904.

DEREMINI Seevers, 1965: 294 [stem: *Derem-*]. Type genus: *Derema* Fauvel, 1899.

**Subtribe MIMANOMMATINA Wasmann, 1912**

MIMANOMMATINAE Wasmann, 1912: 478 [stem: *Mimanommat-*]. Type genus: *Mimanomma* Wasmann, 1912.

**Tribe MIMECITINI Wasmann, 1917**

MIMECITONINI Wasmann, 1917: 325 [stem: *Mimecit-*]. Type genus: *Mimeciton* Wasmann, 1893.

**Subtribe LABIDOPULLINA Jacobson and Kistner, 1991**

LABIDOPULLINA Jacobson and Kistner, 1991: 7 [stem: *Labidopull-*]. Type genus: *Labidopullus* Borgmeier, 1958.

**Subtribe LEPTANILLOPHILINA Fenyès, 1918**

LEPTANILLOPHILINI Fenyès, 1918: 59 [stem: *Leptanillophil-*]. Type genus: *Leptanillophilus* Holmgren, 1908.

**Subtribe MIMECITINA Wasmann, 1917**

MIMECITONINI Wasmann, 1917: 325 [stem: *Mimecit-*]. Type genus: *Mimeciton* Wasmann, 1893. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 52).

**Subtribe MIMONILLINA Bernhauer and Scheerpeltz, 1926**

MIMONILLAE Bernhauer and Scheerpeltz, 1926: 518 [stem: *Mimonill-*]. Type genus: *Mimonilla* Wasmann, 1913.

**Tribe MYLLAENINI Ganglbauer, 1895**

MYLLAENINI Ganglbauer, 1895: 317 [stem: *Myllaen-*]. Type genus: *Myllaena* Erichson, 1837.

DIMONOMERINI Cameron, 1933: 103 [stem: *Dimonomer-*]. Type genus: *Dimonomera* Cameron, 1933.

**Tribe OXYPODINI Thomson, 1859**

OXYPODIDES C. G. Thomson, 1859: 36 [stem: *Oxypod-*]. Type genus: *Oxypoda* Mannerheim, 1830 [placed on the Official List of Generic Names in Zoology (ICZN 1957)]. Comment: First Revisers found (OXYPODINI C. G. Thomson, 1859 vs TACHYUSINI C. G. Thomson, 1859 vs OCALEINI C. G. Thomson, 1859 vs PHLOEOPORINI C. G. Thomson, 1859) are Newton and Thayer (1992:

53); name placed on the Official List of Family-Group Names in Zoology (ICZN 1957).

### **Subtribe APHYTOPODINA Bernhauer and Scheerpeltz, 1926**

APHYTOPI Bernhauer and Scheerpeltz, 1926: 740 [stem: *Aphytopod*-]. Type genus: *Aphytopus* Sharp, 1886. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 53).

### **Subtribe BLEPHARRHYMENINA Klimaszewski and Peck, 1986**

\*BLEPHARRHYMENI Seevers, 1978: 82 [stem: *Blepharrhymen*-]. Type genus: *Blepharrhymenus* Solier, 1849. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

BLEPHARRHYMENI Klimaszewski and Peck, 1986: 58 [stem: *Blepharrhymen*-]. Type genus: *Blepharrhymenus* Solier, 1849 [as *Blepharrhymenus*, unjustified emendation of genus name by Gemminger and Harold (1868b: 505), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 53).

### **Subtribe DINARDINA Mulsant and Rey, 1873**

DINARDAIRES Mulsant and Rey, 1873a: 6 [stem: *Dinard*-]. Type genus: *Dinarda* Leach, 1819. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Wasmann (1904a: 218, as DINARDINI), generally accepted as in Newton and Thayer (1992: 53, as DINARDINA).

\*HOMÉUSATES Mulsant and Rey, 1874: 286 [stem: *Homoeus*-]. Type genus: *Homoeusa* Kraatz, 1856. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

DECUSINI Fenyes, 1918: 19 [stem: *Decus*-]. Type genus: *Decusa* Casey, 1900.

### **Subtribe MEOTICINA Seevers, 1978**

MEOTICAE Seevers, 1978: 78 [stem: *Meotic*-]. Type genus: *Meotica* Mulsant and Rey, 1873.

### **Subtribe OXYPODINA Thomson, 1859**

OXYPODIDES C. G. Thomson, 1859: 36 [stem: *Oxypod*-]. Type genus: *Oxypoda* Mannerheim, 1830 [placed on the Official List of Generic Names in Zoology (ICZN 1957)]. Comment: First Reviser (OXYPODINA C. G. Thomson, 1859 vs OCALEINA C. G. Thomson, 1859 vs PHLOEOPORINA C.



G. Thomson, 1859) not determined, current usage maintained; placed on the Official List of Family-Group Names in Zoology (ICZN 1957).

OCALEIDES C. G. Thomson, 1859: 38 [stem: *Ocale-*]. Type genus: *Ocalea* Erichson, 1837.

PHLOEOPORIDES C. G. Thomson, 1859: 33 [stem: *Phloeopor-*]. Type genus: *Phloeopora* Erichson, 1837.

OCYUSATES Mulsant and Rey, 1874: 286 [stem: *Ocyus-*]. Type genus: *Ocyusa* Kraatz, 1856. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Fenyes (1918: 20, as OCYUSAE), generally accepted as in Newton and Thayer (1992: 53, as OCYUSINA).

CALODÉRATES Mulsant and Rey, 1874: 286 [stem: *Caloder-*]. Type genus: *Calodera* Mannerheim, 1830. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Fenyes (1918: 20, as CALODERAE), generally accepted as in Ádám (2001:142, as CALODERINI).

MICROGLOTTAE Fenyes, 1918: 20 [stem: *Microglott-*]. Type genus: *Microglotta* Kraatz, 1862 [syn. of *Haploglossa* Kraatz, 1856].

PHLOEOPORINI Cameron, 1939: 562 [stem: *Phloeopor-*]. Type genus: *Phloeopora* Erichson, 1837. Comment: proposed as new without reference to PHLOEOPORIDES C. G. Thomson, 1859.

### **Subtribe TACHYUSINA Thomson, 1859**

TACHYUSIDES C. G. Thomson, 1859: 34 [stem: *Tachyus-*]. Type genus: *Tachyusa* Erichson, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1961b)].

### **Tribe OXYPODININI Fenyes, 1921**

OXYPODININI Fenyes, 1918: 18 [stem: *Oxypodin-*]. Type genus: *Oxypodinus* Bernhauer, 1901.

HETEROTAXINI Fenyes, 1921: 33 [stem: *Heterotax-*]. Type genus: *Heterotaxus* Bernhauer, 1915.

### **Tribe PAGLINI Newton and Thayer, 1992**

PACHYGLOSSINI Fenyes, 1918: 60 [stem: *Pachygloss-*]. Type genus: *Pachyglossa* Fauvel, 1868 [preoccupied genus name, not *Pachyglossa* Hodgson, 1843 [Aves]; syn. of *Pagla* Blackwelder, 1952]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

PAGLINI Newton and Thayer, 1992: 54 [stem: *Pagl-*]. Type genus: *Pagla* Blackwelder, 1952. Comment: replacement name for PACHYGLOSSINI Fenyes, 1918 because of the homonymy of the type genus.

### **Tribe PARADOXENUSINI Bruch, 1937**

PARADOXENUSINI Bruch, 1937: 354 [stem: *Paradoxenus-*]. Type genus: *Paradoxenus* Bruch, 1937.

**Tribe PEDICULOTINI Ádám, 1987**

PEDICULOTINI Ádám, 1987: 156 [stem: *Pediculot-*]. Type genus: *Pediculota* Ádám, 1987.

**Tribe PHILOTERMITINI Seevers, 1957**

PHILOTERMITINI Seevers, 1957: 63, in key [stem: *Philotermit-*]. Type genus: *Philoterme* Kraatz, 1857.

**Tribe PHYLLODINARDINI Wasmann, 1916**

PHYLLODINARDINI Wasmann, 1916a: 105 [stem: *Phyllodinard-*]. Type genus: *Phyllodinarda* Wasmann, 1916.

**Tribe PHYTOSINI Thomson, 1867**

PHYTOSIDES C. G. Thomson, 1867: 206 [stem: *Phytos-*]. Type genus: *Phytosus* Curtis, 1838.

**Tribe PLACUSINI Mulsant and Rey, 1871**

PLACUSATES Mulsant and Rey, 1871c: 102 [stem: *Placus-*]. Type genus: *Placusa* Erichson, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Fenyés (1918: 17, as PLACUSAE), generally accepted as in Newton and Thayer (1992: 54, as PLACUSINI).

\*EUVIRAE Seevers, 1978: 272 [stem: *Euvir-*]. Type genus: *Euvira* Sharp, 1883. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Tribe PRONOMAEINI Mulsant and Rey, 1873**

PRONOMÉATES Mulsant and Rey, 1873b: 8 [stem: *Pronomae-*]. Type genus: *Pronomaea* Erichson, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Ganglbauer (1895: 315, as PRONOMAEINI), generally accepted as in Newton and Thayer (1992: 54, as PRONOMAEINI); incorrect original stem formation, not in prevailing usage.

**Tribe PSEUDOPERINTHINI Cameron, 1939**

PSEUDOPERINTHINAE Cameron, 1939: 1 [stem: *Pseudoperinth-*]. Type genus: *Pseudoperinthus* Wasmann, 1916.

**Tribe PYGOSTENINI Fauvel, 1899**

PYGOSTENINI Fauvel, 1899: 5 [stem: *Pygosten-*]. Type genus: *Pygostenus* Kraatz, 1858.

SYMPOLEMONINI Fenyés, 1918: 51 [stem: *Sympolemont-*]. Type genus: *Sympolemon* Wasmann, 1900. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe SAHLBERGIINI Kistner, 1993**

SAHLBERGIINI Kistner, 1993: 315 [stem: *Sahlbergi*]. Type genus: *Sahlbergius* Bernhauer, 1927.

**Tribe SCEPTOBIINI Seevers, 1978**

SCEPTOBIINI Seevers, 1978: 148 [stem: *Sceptobi*]. Type genus: *Sceptobius* Sharp, 1883.

**Tribe SKATITOXENINI Kistner and Pasteels, 1969**

SKATITOXENINI Kistner and Pasteels, 1969: 1190 [stem: *Skatitoxen*]. Type genus: *Skatitoxenus* Kistner and Pasteels, 1969.

**Tribe TERMITODISCINI Wasmann, 1904**

TERMITODISCINI Wasmann, 1904b: 656 [stem: *Termitodisc*]. Type genus: *Termitodiscus* Wasmann, 1899.

**Subtribe ATHEXENIINA Pace, 2000**

ATHEXENIINA Pace, 2000b: 336, in key [stem: *Athexeni*]. Type genus: *Athexenia* Pace, 1999. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe TERMITODISCINA Wasmann, 1904**

TERMITODISCINI Wasmann, 1904b: 656 [stem: *Termitodisc*]. Type genus: *Termitodiscus* Wasmann, 1899.

**Tribe TERMITOHOSPITINI Seevers, 1941**

TERMITOHOSPITINI Seevers, 1941: 331 [stem: *Termitohospit*]. Type genus: *Termitohospes* Seevers, 1941.

**Subtribe HETAIROTERMITINA Seevers, 1957**

HETAIROTERMITINA Seevers, 1957: 191 [stem: *Hetairotermit*]. Type genus: *Hetairotermes* Cameron, 1920.

**Subtribe TERMITOHOSPITINA Seevers, 1941**

TERMITOHOSPITINI Seevers, 1941: 331 [stem: *Termitohospit*]. Type genus: *Termitohospes* Seevers, 1941. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Seevers (1957: 191).

**Tribe TERMITONANNINI Fenyés, 1918**

TERMITONANNINI Fenyés, 1918: 75 [stem: *Termitonann*]. Type genus: *Termitonannus* Wasmann, 1902.

**Subtribe PERINTHINA Bernhauer and Scheerpeltz, 1926**

PERINTHI Bernhauer and Scheerpeltz, 1926: 521 [stem: *Perinth-*]. Type genus: *Perinthus* Casey, 1889.

\*PODUROIDAE Scheerpeltz, 1934: 1537 [stem: *Poduroid-*]. Type genus: *Poduroides* Mann, 1926. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Subtribe TERMITONANNINA Fenyès, 1918**

TERMITONANNINI Fenyès, 1918: 75 [stem: *Termitonann-*]. Type genus: *Termitonannus* Wasmann, 1902.

**Tribe TERMITOPAEDIINI Seevers, 1957**

TERMITOPAEDIINI Seevers, 1957: 214 [stem: *Termitopaedi-*]. Type genus: *Termitopaedia* Wasmann, 1911.

TERMITONDINA Seevers, 1957: 63, in key [stem: *Termitond-*]. Type genus: *Termitonda* Seevers, 1957. Comment: as *Termitendina*, name spelled correctly on page 238.

**Tribe TERMITUSINI Fenyès, 1918**

TERMITUSAE Fenyès, 1918: 18 [stem: *Termitus-*]. Type genus: *Termitusa* Wasmann, 1905.

**Subtribe TERMITOSPECTRINA Seevers, 1957**

TERMITOSPECTRINA Seevers, 1957: 191 [stem: *Termitospectr-*]. Type genus: *Termitospectrum* Mann, 1926.

**Subtribe TERMITUSINA Fenyès, 1918**

TERMITUSAE Fenyès, 1918: 18 [stem: *Termitus-*]. Type genus: *Termitusa* Wasmann, 1905.

**Tribe TRICHOPSENIINI LeConte and Horn, 1883**

TRICHOPSENI J. L. LeConte and G. H. Horn, 1883: 100 [stem: *Trichopseni-*]. Type genus: *Trichopsenius* G. H. Horn, 1877.

TERMITOPSENIINI Wasmann, 1916b: 196 [stem: *Termitopseni-*]. Type genus: *Termitopsenius* Wasmann, 1902. Comment: incorrect original stem formation, not in prevailing usage.

SCHIZELYTHRINAE Kemner, 1925: 122 [stem: *Schizelythr-*]. Type genus: *Schizelythron* Kemner, 1925.

**Tribe TRILOBITIDEINI Fauvel, 1899**

TRIOBITIDEIDAE Fauvel, 1899: 3 [stem: *Trilobitide-*]. Type genus: *Trilobitideus* Raffray, 1898.

**Subfamily TRIGONURINAE Reiche, 1866**

TRIGONURIDES Reiche, 1866: 642 [stem: *Trigonur-*]. Type genus: *Trigonurus* Mulsant, 1847.

**Subfamily APATETICINAE Fauvel, 1895**

APATETICAE Fauvel, 1895: 190 [stem: *Apatetic-*]. Type genus: *Apatetica* Westwood, 1848.

**Subfamily SCAPHIDIINAE Latreille, 1806**

SCAPHIDILIA Latreille, 1806: 3 [stem: *Scaphidi-*]. Type genus: *Scaphidium* A. G. Olivier, 1790.

**Tribe CYPARIINI Achard, 1924**

CYPARIINI Achard, 1924: 28 [stem: *Cypari-*]. Type genus: *Cyparium* Erichson, 1845.

**Tribe SCAPHIDIINI Latreille, 1806**

SCAPHIDILIA Latreille, 1806: 3 [stem: *Scaphidi-*]. Type genus: *Scaphidium* A. G. Olivier, 1790. Comment: incorrect original stem formation, not in prevailing usage.

CERAMBYCISCAPHINI Pic, 1915: 30 [stem: *Cerambyciscaph-*]. Type genus: *Cerambyciscapha* Pic, 1915.

DIATELIITAE Achard, 1924: 28 [stem: *Diateli-*]. Type genus: *Diatelium* Pascoe, 1863.

**Tribe SCAPHIINI Achard, 1924**

SCAPHIITAE Achard, 1924: 27 [stem: *Scaphi-*]. Type genus: *Scaphium* Kirby, 1837.

**Tribe SCAPHISOMATINI Casey, 1893**

SCAPHISOMINI Casey, 1893: 511 [stem: *Scaphisomat-*]. Type genus: *Scaphisoma* Leach, 1815. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 64).

HETEROSCAPHINI Achard, 1914: 395 [stem: *Heteroscaph-*]. Type genus: *Heteroscapha* Achard, 1914 [syn. of *Bironium* Csiki, 1909].

CYPARELLINI Achard, 1924: 28 [stem: *Cyparell-*]. Type genus: *Cyparella* Achard, 1924 [syn. of *Baeocera* Erichson, 1845].

BAEOCERITAE Achard, 1924: 30 [stem: *Baeocer-*]. Type genus: *Baeocera* Erichson, 1845 [placed on the Official List of Generic Names in Zoology (ICZN 1982)].

SCIATROPHITAE Achard, 1924: 30 [stem: *Sciatroph-*]. Type genus: *Sciatrophes* Blackburn, 1903 [syn. of *Baeocera* Erichson, 1845].

BAEOCERIDIITAE Achard, 1924: 30 [stem: *Baeoceridi-*]. Type genus: *Baeoceridium* Reitter, 1889.



SCAPHICOMITAE Achard, 1924: 31 [stem: *Scaphicom-*]. Type genus: *Scaphicoma* Motschulsky, 1863.

TOXIDIINI Achard, 1924: 31 [stem: *Toxidi-*]. Type genus: *Toxidium* J. L. LeConte, 1860.

### **Subfamily PIESTINAE Erichson, 1839**

PIESTINI Erichson, 1839b: 31 [stem: *Piest-*]. Type genus: *Piestus* Gravenhorst, 1806.

PROGNATHITES Blanchard, 1845a: 290 [stem: *Prognath-*]. Type genus: *Prognathus* Berthold, 1827 [as *Prognata*, incorrect subsequent spelling of type genus name not in prevailing usage; syn. of *Siagonium* Kirby and Spence, 1815]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Blanchard (1853: 54, as PROGNATHITAE).

\*SIAGONIINI Crowson, 1980: 289 [stem: *Siagoni-*]. Type genus: *Siagonium* Kirby and Spence, 1815. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### **Subfamily OSORIINAE Erichson, 1839**

OSORINI Erichson, 1839b: 30 [stem: *Osori-*]. Type genus: *Osorius* Latreille, 1829.

#### **Tribe ELEUSININI Sharp, 1887**

ELEUSININA Sharp, 1887: 728 [stem: *Eleusin-*]. Type genus: *Eleusis* Laporte, 1835.

#### **Tribe LEPTOCHIRINI Sharp, 1887**

LEPTOCHIRINA Sharp, 1887: 733 [stem: *Leptochir-*]. Type genus: *Leptochirus* Germar, 1824.

#### **Tribe OSORIINI Erichson, 1839**

OSORINI Erichson, 1839b: 30 [stem: *Osori-*]. Type genus: *Osorius* Latreille, 1829.

#### **Subtribe OSORIINA Erichson, 1839**

OSORINI Erichson, 1839b: 30 [stem: *Osori-*]. Type genus: *Osorius* Latreille, 1829. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by J. L. LeConte (1861: 68).

#### **Subtribe PAROSORIINA Bernhauer and Schubert, 1911**

PAROSORII Bernhauer and Schubert, 1911: 146 [stem: *Parosori-*]. Type genus: *Parosorius* Bernhauer, 1904.

#### **Tribe THORACOPHORINI Reitter, 1909**

THORACOPHORINAE Reitter, 1909: 199 [stem: *Thoracophor-*]. Type genus: *Thoracophorus* Motschulsky, 1837 [unjustified emendation of original type genus name *Thoraxophorus* by Erichson (1840a: 908); unjustified emendation in prevailing usage, treated as justified emendation (Art. 33.2.3.1)].

**Subtribe CLAVILISPININA Newton and Thayer, 1992**

PARALISPINI Blackwelder, 1942: 79 [stem: *Paralispin-*]. Type genus: *Paralispinus* Bernhauer, 1921 [preoccupied genus name, not *Paralispinus* Eichelbaum, 1913 [Coleoptera: STAPHYLINIDAE]; syn. of *Clavilispinus* Bernhauer, 1926]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

CLAVILISPININA Newton and Thayer, 1992: 59 [stem: *Clavilispin-*]. Type genus: *Clavilispinus* Bernhauer, 1926. Comment: replacement name for PARALISPINI Blackwelder, 1942 because of the homonymy of the type genus.

**Subtribe GLYPTOMINA Newton and Thayer, 1992**

CALOCERI Blackwelder, 1942: 78 [stem: *Calocer-*]. Type genus: *Calocerus* Fauvel, 1891 [preoccupied genus name, not *Calocerus* J. L. LeConte, 1853 [Coleoptera: ELATERIDAE]; syn. of *Glyptoma* Erichson, 1839]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

GLYPTOMINA Newton and Thayer, 1992: 59 [stem: *Glyptom-*]. Type genus: *Glyptoma* Erichson, 1839. Comment: replacement name for CALOCERI Blackwelder, 1942 because of the homonymy of the type genus; current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Glyptomat-*).

**Subtribe LISPININA Bernhauer and Schubert, 1910**

LISPINI Bernhauer and Schubert, 1910: 19 [stem: *Lispin-*]. Type genus: *Lispinus* Erichson, 1839.

**Subtribe THORACOPHORINA Reitter, 1909**

THORACOPHORINAE Reitter, 1909: 199 [stem: *Thoracophor-*]. Type genus: *Thoracophorus* Motschulsky, 1837 [unjustified emendation of original type genus name *Thoraxophorus* by Erichson (1840a: 908); unjustified emendation in prevailing usage, treated as justified emendation (Art. 33.2.3.1)]. Comment: based on corrected spelling of type genus.

**Subfamily OXYTELINAE Fleming, 1821**

OXYTELIDAE Fleming, 1821: 49 [stem: *Oxytel-*]. Type genus: *Oxytelus* Gravenhorst, 1802.

**Tribe BLEDIINI Ádám, 2001**

BLEDIINI Ádám, 2001: 216 [stem: *Bledi-*]. Type genus: *Bledius* Leach, 1819.

**Tribe COPROPHILINI Heer, 1839**

COPROPHILINA Heer, 1839a: 198 [stem: *Coprophil-*]. Type genus: *Coprophilus* Latreille, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1993a)]. Comment: this family-group name was also used in the same year by

Erichson (1839b: 30, as COPROPHILINI) and Heer (1839b: 13, as COPROPHILIDA); for comments about the priority of these works see Newton and Thayer (1992: 24).

\*HOMALOTRIQUITOS Solier, 1849: 321 [stem: *Homalotrich-*]. Type genus: *Homalotrichus* Solier, 1849. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

TOXODERI Bernhauer and Schubert, 1911: 91 [stem: *Toxoder-*]. Type genus: *Toxoderus* Fauvel, 1900 [syn. of *Homalotrichus* Solier, 1849]. Comment: junior homonym of TOXODERINI Saussure, 1869 (type genus *Toxodera* Audinet-Serville, 1837) in Mantodea: MANTIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

### Tribe EUPHANIINI Reitter, 1909

\*PHOLIDIENS Mulsant and Rey, 1876: 209 [stem: *Pholid-*]. Type genus: *Pholidus* Mulsant and Rey, 1856 [preoccupied genus name, not *Pholidus* Rafinesque, 1815 [Pisces], or *Pholidus* Gray, 1840 [Aves]; syn. of *Euphantias* Fairmaire and Laboulbène, 1856]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant and Rey (1876).

PHOLIDINI Acloque, 1896: 145 [stem: *Pholid-*]. Type genus: *Pholidus* Mulsant and Rey, 1856 [preoccupied genus name, not *Pholidus* Rafinesque, 1815 [Pisces], or *Pholidus* Gray, 1840 [Aves]; syn. of *Euphantias* Fairmaire and Laboulbène, 1856]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

EUPHANIAE Reitter, 1909: 16 [stem: *Euphani-*]. Type genus: *Euphantias* Fairmaire and Laboulbène, 1856. Comment: precedence (EUPHANIINI Reitter, 1909 vs DELEASTERINI Reitter, 1909) given to taxon originally proposed at the higher rank (Art. 24.1).

DELEASTERINI Reitter, 1909: 164 [stem: *Deleaster-*]. Type genus: *Deleaster* Erichson, 1839.

SYNTOMIINAE Böving and Craighead, 1931: 28 [stem: *Syntomi-*]. Type genus: *Syntomium* Curtis, 1828.

### Tribe OXYTELINI Fleming, 1821

OXYTELIDAE Fleming, 1821: 49 [stem: *Oxytel-*]. Type genus: *Oxytelus* Gravenhorst, 1802.

THINOBIIDES J. Sahlberg, 1876: 242 [stem: *Thinobi-*]. Type genus: *Thinobius* Kiesenwetter, 1844.

TROGOPHLÉAIRES Mulsant and Rey, 1878b: 688 [stem: *Trogophloe-*]. Type genus: *Trogophloeus* Mannerheim, 1830 [syn. of *Carpelimus* Leach, 1819]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1889 [Gatt.]: 90, as TROGOPHLOEINA), generally accepted as in

Johansen (1914: 533, as TROGOPHLOEINA); incorrect original stem formation, not in prevailing usage.

APOCELLARIA Lynch Arribálzaga, 1884: 344 [stem: *Apocell-*]. Type genus: *Apocellus* Erichson, 1839.

ECITOCCLIMACINI Borgmeier, 1934: 452 [stem: *Ecitocclimac-*]. Type genus: *Ecitocclimax* Borgmeier, 1934. Comment: originally proposed as a tribe of ALEOCHARINAE.

TORRENTOMI Bierig, 1934: 213 [stem: *Torrentom-*]. Type genus: *Torrentomus* Bierig, 1934 [syn. of *Thinobius* Kiesenwetter, 1844].

TRIGONOBREGMINI Scheerpeltz, 1944: 170, in key [stem: *Trigonobregmat-*]. Type genus: *Trigonobregma* Scheerpeltz, 1944. Comment: incorrect original stem formation, not in prevailing usage; placement following Herman (2001).

CARPELIMINI Hatch, 1957: 85, in key [stem: *Carpelim-*]. Type genus: *Carpelimus* Leach, 1819.

\*THINODROMINI Gildenkova, 2000: 56 [stem: *Thinodrom-*]. Type genus: *Thinodromus* Kraatz, 1858. Comment: name unavailable (Art. 16.1): name not indicated as intentionally new.

APLODERINI Ádám, 2001: 218 [stem: *Aploder-*]. Type genus: *Aploderus* Stephens, 1834.

### **Tribe PLANEUSTOMINI Jacquelin du Val, 1857**

PLANEUSTOMITES Jacquelin du Val, 1857a: 58 [stem: *Planeustom-*]. Type genus: *Planeustomus* Jacquelin du Val, 1857. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Ádám (2001: 208, as PLANEUSTOMINI).

ACROGNATHINI Reitter, 1909: 164 [stem: *Acrognath-*]. Type genus: *Acrognathus* Erichson, 1839 [preoccupied genus name, not *Acrognathus* Agassiz, 1836 [Pisces]; syn. of *Manda* Blackwelder, 1952]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

MANDINI Gildenkova, 2003: 35 [stem: *Mand-*]. Type genus: *Manda* Blackwelder, 1952. Comment: replacement name for ACROGNATHINI Reitter, 1909 because of the homonymy of the type genus.

### **Subfamily OXYPORINAE Fleming, 1821**

OXYPORIDAE Fleming, 1821: 49 [stem: *Oxypor-*]. Type genus: *Oxyporus* Fabricius, 1775.

### **Subfamily MEGALOPSIDIINAE Leng, 1920**

MEGALOPINI Erichson, 1839b: 30 [stem: *Megalop-*]. Type genus: *Megalops* Erichson, 1839 [preoccupied genus name, not *Megalops* Lacépède, 1803 [Pisces], not *Megalops* Rafinesque, 1815 [Pisces]; syn. of *Megalopinus* Eichelbaum, 1915]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

MEGALOPSIDIINI Leng, 1920: 98 [stem: *Megalopsidi-*]. Type genus: *Megalopsidia* Leng, 1918 [syn. of *Megalopinus* Eichelbaum, 1915].

AULACOTRACHELINAE L. Benick, 1920: 1 [stem: *Aulacotrachel-*]. Type genus: *Aulacotrachelus* Benick, 1920 [syn. of *Megalopinus* Eichelbaum, 1915]. Comment: replacement name for MEGALOPINAE Erichson, 1839 because of the homonymy of the type genus.

STYLOPODINAE Blackwelder, 1943: 202 [stem: *Stylopod-*]. Type genus: *Stylopodus* Benick, 1917 [syn. of *Megalopinus* Eichelbaum, 1915]. Comment: name proposed to replace MEGALOPINAE Erichson, 1839 and MEGALOPSIDIINAE Leng, 1920 because of the synonymy of the type genus.

\*MEGALOPININAE Puthz, 1967: 192 [stem: *Megalopin-*]. Type genus: *Megalopinus* Eichelbaum, 1915. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

MEGALOPININAE Naomi, 1986: 344 [stem: *Megalopin-*]. Type genus: *Megalopinus* Eichelbaum, 1915. Comment: name proposed to replace MEGALOPINAE Erichson, 1839 and MEGALOPSIDIINAE Leng, 1920 because of the synonymy of the type genus.

### **Subfamily SCYDMAENINAE Leach, 1815**

SCYDMAENIDES Leach, 1815: 92 [stem: *Scydmaen-*]. Type genus: *Scydmaenus* Latreille, 1802. Comment: placement follows Grebennikov and Newton (2009).

### **†Supertribe HAPSOMELITAE Poinar and Brown, 2004**

HAPSOMELINAE Poinar and Brown, 2004: 790 [stem: *Hapsomel-*]. Type genus: *Hapsomela* Poinar and Brown, 2004.

### **Supertribe MASTIGITAE Fleming, 1821**

MASTIGOIDAE Fleming, 1821: 49 [stem: *Mastig-*]. Type genus: *Mastigus* Latreille, 1802. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe CLIDICINI Casey, 1897**

CLIDICINI Casey, 1897: 541 [stem: *Clidic-*]. Type genus: *Clidicus* Laporte, 1833.

### **Tribe LEPTOMASTACINI Casey, 1897**

LEPTOMASTACINI Casey, 1897: 541 [stem: *Leptomastac-*]. Type genus: *Leptomastax* Pirazzoli, 1855.

### **Tribe MASTIGINI Fleming, 1821**

MASTIGOIDAE Fleming, 1821: 49 [stem: *Mastig-*]. Type genus: *Mastigus* Latreille, 1802. Comment: incorrect original stem formation, not in prevailing usage.

### **Supertribe SCYDMAENITAE Leach, 1815**

SCYDMAENIDES Leach, 1815: 92 [stem: *Scydmaen-*]. Type genus: *Scydmaenus* Latreille, 1802.



**Tribe CEPHENNIINI Reitter, 1882**

CEPHENNIINI Reitter, 1882c: 142 [stem: *Cephenni-*]. Type genus: *Cephennium* Müller and Kunze, 1822.

ANISOSPHAERIDAE Tömösváry, 1883: 128 [stem: *Anisosphaer-*]. Type genus: *Anisosphaera* Tömösváry, 1883 [syn. of *Cephennium* Müller and Kunze, 1822].  
Comment: family-group name originally based on larva only.

**Tribe CHEVROLATIINI Reitter, 1882**

CHEVROLATINI Reitter, 1882c: 142 [stem: *Chevrolati-*]. Type genus: *Chevrolatia* Jacquelin du Val, 1859. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe CYRTOSCYDMINI Schaufuss, 1889**

CYRTOSCYDMINI L. W. Schaufuss, 1889: 2 [stem: *Cyrtoscydm-*]. Type genus: *Cyrtoscydmus* Motschulsky, 1869 [syn. of *Stenichnus* C. G. Thomson, 1859].

GLANDULARIIDAE L. W. Schaufuss, 1889: 3 [stem: *Glandulari-*]. Type genus: *Glandularia* L. W. Schaufuss, 1889 [syn. of *Euconnus* (*Napochus*) C. G. Thomson, 1859].

EUCONNINI Casey, 1897: 354 [stem: *Euconn-*]. Type genus: *Euconnus* C. G. Thomson, 1859.

OPRESINI Casey, 1897: 354 [stem: *Opres-*]. Type genus: *Opresus* Casey, 1897 [syn. of *Microscydmus* Saulcy and Croissandeau, 1893].

LOPHIODERINI Casey, 1897: 356 [stem: *Lophioder-*]. Type genus: *Lophioderus* Casey, 1897.

STENICHNINI Ganglbauer, 1898: 25 [stem: *Stenichn-*]. Type genus: *Stenichnus* C. G. Thomson, 1859.

NEURAPHINI Csiki, 1909b: 18 [stem: *Neuraph-*]. Type genus: *Neuraphes* C. G. Thomson, 1859 [this name is an incorrect subsequent spelling of *Nevraphes*, in prevailing usage and so deemed to be the correct original spelling (Art. 33.3.1)].

SYNDICINI Csiki, 1919: 17 [stem: *Syndic-*]. Type genus: *Syndicus* Motschulsky, 1851.

SCIACHARINI Csiki, 1919: 69 [stem: *Sciacharit-*]. Type genus: *Sciacharis* Broun, 1893. Comment: incorrect original stem formation, not in prevailing usage.

SIAMITINI H. Franz, 1989: 44 [stem: *Siamit-*]. Type genus: *Siamites* Franz, 1989.

**Tribe EUTHEIINI Casey, 1897**

EUTHEIINI Casey, 1897: 507 [stem: *Euthei-*]. Type genus: *Eutheia* Stephens, 1830.

ASCYDMINI Casey, 1897: 355 [stem: *Ascydm-*]. Type genus: *Ascydmus* Casey, 1897 [syn. of *Euthiconus* Reitter, 1882].

**Tribe LEPTOSCYDMINI Casey, 1897**

LEPTOSCYDMINI Casey, 1897: 355 [stem: *Leptoscydm-*]. Type genus: *Leptoscydmus* Casey, 1897.

**Tribe PLAUMANNIOLINI Costa Lima, 1962**

PLAUMANNIOLINAE Costa Lima, 1962: 415 [stem: *Plaumanniol-*]. Type genus: *Plaumanniola* Costa Lima, 1962. Comment: originally proposed as a subfamily of PTINIDAE.

**Tribe SCYDMAENINI Leach, 1815**

SCYDMAENIDES Leach, 1815: 92 [stem: *Scydmaen-*]. Type genus: *Scydmaenus* Latreille, 1802.

EUMICRINI Reitter, 1882c: 192 [stem: *Eumicr-*]. Type genus: *Eumicrus* Laporte, 1833 [syn. of *Scydmaenus* Latreille, 1802].

**Subfamily STENINAE MacLeay, 1825**

STENIDAE W. S. MacLeay, 1825: 49 [stem: *Sten-*]. Type genus: *Stenus* Latreille, 1797. Comment: the younger name STENINAE Fraser and Purves, 1960 (type genus *Steno* Gray, 1846) in Mammalia: DELPHINIDAE is unavailable according to Newton and Thayer (1992: 66).

**Subfamily EUAESTHETINAE Thomson, 1859**

EUAESTHETINA C. G. Thomson, 1859: 42 [stem: *Euaesthet-*]. Type genus: *Euaesthetus* Gravenhorst, 1806.

**Tribe ALZADAESTHETINI Scheerpeltz, 1974**

ALZADAESTHETINI Scheerpeltz, 1974: 102, in key [stem: *Alzadaesthet-*]. Type genus: *Alzadaesthetus* Kistner, 1961.

**Tribe AUSTROESTHETINI Cameron, 1944**

AUSTROESTHETINI Cameron, 1944: 69 [stem: *Austroesthet-*]. Type genus: *Austroesthetus* Oke, 1933 [as *Austroaesthetus*, unjustified emendation of genus name not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe EUAESTHETINI Thomson, 1859**

EUAESTHETINA C. G. Thomson, 1859: 42 [stem: *Euaesthet-*]. Type genus: *Euaesthetus* Gravenhorst, 1806.

TAMOTINI Coiffait, 1984: 353 [stem: *Tamot-*]. Type genus: *Tamotus* L. W. Schaufuss, 1872.

**Tribe FENDERIINI Scheerpeltz, 1974**

FENDERIINI Scheerpeltz, 1974: 103, in key [stem: *Fenderi-*]. Type genus: *Fenderia* Hatch, 1957.

**Tribe NORDENSKIOLDIINI Bernhauer and Schubert, 1911**

NORDENSKIOELDIINI Bernhauer and Schubert, 1911: 186 [stem: *Nordenskioldi*-].

Type genus: *Nordenskioldia* Sahlberg, 1880 [as *Nordenskioeldia*, incorrect subsequent spelling of genus name not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage (see Newton and Thayer 1992: 56).

**Tribe STENAESTHETINI Bernhauer and Schubert, 1911**

STENAESTHETINI Bernhauer and Schubert, 1911: 186 [stem: *Stenaesthet*-]. Type genus: *Stenaesthetus* Sharp, 1874.

**Subfamily SOLIERIINAE Newton and Thayer, 1992**

FISOGNATITOS Solier, 1849: 303 [stem: *Physognath*-]. Type genus: *Physognathus* Solier, 1849 [preoccupied genus name, not *Physognathus* Agassiz, 1846 [Reptilia]; syn. of *Solierius* Bernhauer, 1921]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Kraatz (1859b: 3, as PHYSOGNATHITES [treated as Latin]); permanently invalid (Art. 39): based on preoccupied type genus.

SOLIERIINAE Newton and Thayer, 1992: 27 [stem: *Solieri*-]. Type genus: *Solierius* Bernhauer, 1921. Comment: replacement name for PHYSOGNATHINAE Solier, 1849 because of the homonymy of the type genus.

**Subfamily LEPTOTYPHLINAE Fauvel, 1874**

LEPTOTYPHLI Fauvel, 1874: 35 [stem: *Leptotyphl*-]. Type genus: *Leptotyphlus* Fauvel, 1874.

**Tribe CEPHALOTYPHLINI Coiffait, 1963**

CEPHALOTYPHLINI Coiffait, 1963: 380, in key [stem: *Cephalotyphl*-]. Type genus: *Cephalotyphlus* Coiffait, 1955.

**Tribe ENTOMOCULIINI Coiffait, 1957**

ENTOMOCULINI Coiffait, 1957: 61 [stem: *Entomoculi*-]. Type genus: *Entomoculia* Croissandeau, 1891. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 56).

**Tribe LEPTOTYPHLINI Fauvel, 1874**

LEPTOTYPHLI Fauvel, 1874: 35 [stem: *Leptotyphl*-]. Type genus: *Leptotyphlus* Fauvel, 1874.

LEPTOTYPHLINI Coiffait, 1957: 61 [stem: *Leptotyphl*-]. Type genus: *Leptotyphlus* Fauvel, 1874. Comment: family-group name proposed as new without reference to LEPTOTYPHLI Fauvel, 1874.

**Tribe METROTYPHLINI Coiffait, 1963**

METROTYPHLINI Coiffait, 1963: 381 [stem: *Metrotyphl*-]. Type genus: *Metrotyphlus* Coiffait, 1959.

**Tribe NEOTYPHLINI Coiffait, 1963**

NEOTYPHLINI Coiffait, 1963: 381, in key [stem: *Neotyphl*-]. Type genus: *Neotyphlus* Coiffait, 1959.

**Subfamily PSEUDOPSINAE Ganglbauer, 1895**

PSEUDOPSINI Ganglbauer, 1895: 690 [stem: *Pseudops*-]. Type genus: *Pseudopsis* Newman, 1834. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Pseudopse*-).

**Subfamily PAEDERINAE Fleming, 1821**

POEDERIDAE Fleming, 1821: 49 [stem: *Paeder*-]. Type genus: *Paederus* Fabricius, 1775.

**Tribe PAEDERINI Fleming, 1821**

POEDERIDAE Fleming, 1821: 49 [stem: *Paeder*-]. Type genus: *Paederus* Fabricius, 1775.

**Subtribe ASTENINA Hatch, 1957**

SUNIINA Sharp, 1886b: 591 [stem: *Suni*-]. Type genus: *Sunius* sensu Erichson, 1839 [not *Sunius* Stephens, 1829; syn. of *Astenus* Dejean, 1833]. Comment: based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principle of Priority (Art. 65.2.1).

ASTENINA Hatch, 1957: 151, in key [stem: *Asten*-]. Type genus: *Astenus* Dejean, 1833. Comment: although this is not the oldest name for the subtribe, we recommend that an application be submitted to the Commission to suppress SUNIINA Sharp, 1886 because it is based on a misidentified type genus (Art. 65.2.1).

**Subtribe CRYPTOBIINA Casey, 1905**

CRYPTOBIA Casey, 1905: 21 [stem: *Cryptobi*-]. Type genus: *Cryptobium* Mannerheim, 1830 [syn. of *Ochtheophilum* Stephens, 1829]. Comment: the younger name CRYPTOBIINAE Hollande, 1952 (type genus *Cryptobia* Leidy, 1846) in Protozoa: BODONIDAE is unavailable (see Newton and Thayer 1992: 61).

CRYPTOBIINA Bordoni, 1975: 420 [stem: *Cryptobi*-]. Type genus: *Cryptobium* Mannerheim, 1830 [syn. of *Ochtheophilum* Stephens, 1829]. Comment: family-group name proposed as new without reference to CRYPTOBIIA Casey, 1905.

**Subtribe CYLINDROXYSTINA Bierig, 1943**

CYLINDROXYSTINI Bierig, 1943: 158 [stem: *Cylindroxyst-*]. Type genus: *Cylindroxystus* Bierig, 1943.

**Subtribe DOLICAONINA Casey, 1905**

GNATIMENITOS Solier, 1849: 326 [stem: *Gnathymen-*]. Type genus: *Gnathymenus* Solier, 1849. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Ádám (2001: 115, as GNATHYMENINI); incorrect original stem formation, not in prevailing usage; this name was treated as unavailable by Newton and Thayer (1992: 61) which led to their use of DOLICAONINA Casey, 1905 as the valid name for this subtribe; all subsequent authors have followed Newton and Thayer (1992: 61) except for the subsequent use of “GNATHYMENINI (Solier, 1849)” as valid by Ádám (2001: 115) which made Solier’s name available according to our criteria of availability for names originally proposed in vernacular form; here we continue to use DOLICAONINA Casey, 1905 as the valid name for this subtribe and recommend that an application be submitted to the Commission to suppress the name GNATHYMENINA Solier, 1849.

DOLICAONES Casey, 1905: 56 [stem: *Dolicaon-*]. Type genus: *Dolicaon* Laporte, 1835. Comment: see comments under the name GNATIMENITOS Solier, 1849 above.

LEPTOBII Bordoni, 1980: 170 [stem: *Leptobi-*]. Type genus: *Leptobium* Casey, 1905. Comment: unnecessary replacement name for “DOLICAINA Bordoni, 1975”.

**Subtribe ECHIASTERINA Casey, 1905**

ECHIASTERES Casey, 1905: 245 [stem: *Echiaster-*]. Type genus: *Echiaster* Erichson, 1839.

**Subtribe LATHROBIINA Laporte, 1835**

LATHROBIDAE Laporte, 1835a: 117 [stem: *Lathrobi-*]. Type genus: *Lathrobium* Gravenhorst, 1802. Comment: incorrect original stem formation, not in prevailing usage.

SPHAERONIA Casey, 1905: 54 [stem: *Sphaeron-*]. Type genus: *Sphaeronum* Sharp, 1876 [as *Sphaeronium*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe LITHOCHARINA Casey, 1905**

LITHOCHARES Casey, 1905: 146 [stem: *Lithochar-*]. Type genus: *Lithocharis* Dejean, 1833. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Lithocharit-*).



LITHOCHARINA Bordoni, 1974: 324 [stem: *Lithochar-*]. Type genus: *Lithocharis* Dejean, 1833. Comment: family-group name proposed as new without reference to LITHOCHARES Casey, 1905.

### **Subtribe MEDONINA Casey, 1905**

MEDONES Casey, 1905: 20 [stem: *Medon-*]. Type genus: *Medon* Stephens, 1833. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Medont-*).

MEDINA Bordoni, 1975: 420 [stem: *Medon-*]. Type genus: *Medon* Stephens, 1833. Comment: family-group name proposed as new without reference to MEDONES Casey, 1905; incorrect original stem formation, not in prevailing usage (should be *Medont-*).

ACANTHOGLOSSI Coiffait, 1982: 10 [stem: *Acanthogloss-*]. Type genus: *Acanthoglossa* Kraatz, 1859.

### **Subtribe PAEDERINA Fleming, 1821**

POEDERIDAE Fleming, 1821: 49 [stem: *Paeder-*]. Type genus: *Paederus* Fabricius, 1775 [as *Poederus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage, see comments in Newton and Thayer (1992: 60).

GEOPAEDERIDAE Gistel, 1848: [13] [stem: *Geopaeder-*]. Type genus: *Geopaederus* Gistel, 1848 [syn. of *Paederus* Fabricius, 1775].

### **Subtribe SCOPAEINA Mulsant and Rey, 1878**

\*POLIODONTIDOS Solier, 1849: 303 [stem: *Polyodont-*]. Type genus: *Polyodontus* Solier, 1849 [preoccupied genus name, not *Polyodontus* Eysenhardt, 1818 [Vermes]; syn. of *Scopaeus* Erichson, 1839]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; if found to be available then permanently invalid (Art. 39): based on preoccupied type genus; POLYODONTIDAE Bonaparte, 1838 (type genus *Polyodon* Lacepède, 1797) is available in Pisces; incorrect original stem formation, not in prevailing usage.

SCOPÉATES Mulsant and Rey, 1878a: 178 [stem: *Scopae-*]. Type genus: *Scopaeus* Erichson, 1839. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1889 [Gatt.]: 92, as SCOPAEINA), generally accepted as in Newton and Thayer (1992: 62, as SCOPAEINA); incorrect original stem formation, not in prevailing usage.

### **Subtribe STILICINA Casey, 1905**

STILICI Casey, 1905: 218 [stem: *Stilic-*]. Type genus: *Stilicus* Berthold, 1827 [syn. of *Rugilus* Leach, 1819].

RUGILINA Hatch, 1957: 151, in key [stem: *Rugil-*]. Type genus: *Rugilus* Leach, 1819.

### **Subtribe STILICOPSINA Casey, 1905**

STILICOPSES Casey, 1905: 230 [stem: *Stilicops-*]. Type genus: *Stilicopsis* Sachse, 1852. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Stilicopse-*).

XENASTERES Bierig, 1939: 179 [stem: *Xenaster-*]. Type genus: *Xenaster* Bierig, 1939 [preoccupied genus name, not *Xenaster* Simonwitsch, 1871 [Echinodermata]; the nomenclatural status of *Xenaster* will be addressed in the near future by L. Herman (pers. comm. 2010) therefore we refrain from proposing a new replacement name here]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

\*STAMNODERES Blackwelder, 1944: 126 [stem: *Stamnoder-*]. Type genus: *Stamnoderus* Sharp, 1886. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### **Tribe PINOPHILINI Nordmann, 1837**

PINOPHILINIFORMES Nordmann, 1837: 6 [stem: *Pinophil-*]. Type genus: *Pinophilus* Gravenhorst, 1802.

#### **Subtribe PINOPHILINA Nordmann, 1837**

PINOPHILINIFORMES Nordmann, 1837: 6 [stem: *Pinophil-*]. Type genus: *Pinophilus* Gravenhorst, 1802.

#### **Subtribe PROCIRRINA Bernhauer and Schubert, 1912**

PROCIRRI Bernhauer and Schubert, 1912: 197 [stem: *Procirr-*]. Type genus: *Procirrus* Latreille, 1829.

### **Subfamily STAPHYLININAE Latreille, 1802**

STAPHYLINIAE Latreille, 1802: 124 [stem: *Staphylin-*]. Type genus: *Staphylinus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1959a)].

### **Tribe ARROWININI Solodovnikov and Newton, 2005**

ARROWININI Solodovnikov and Newton, 2005: 420 [stem: *Arrowin-*]. Type genus: *Arrowinus* Bernhauer, 1935.

### **Tribe DIOCHINI Casey, 1906**

DIOCHI Casey, 1906: 429 [stem: *Dioch-*]. Type genus: *Diochus* Erichson, 1839.

DIOCHINAE I. Moore, 1964: 86, in key [stem: *Dioch-*]. Type genus: *Diochus* Erichson, 1839. Comment: family-group name proposed as new without reference to DIOCHI Casey, 1906.

**Tribe MAOROTHIINI Assing, 2000**

MAOROTHIINI Assing, 2000: 16 [stem: *Maorothi*-.] Type genus: *Maorothius* Assing, 2000.

**Tribe OTHIINI Thomson, 1859**

OTHIIDES C. G. Thomson, 1859: 26 [stem: *Othi*-.] Type genus: *Othius* Stephens, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1983c)].  
ATRECINI Hatch, 1957: 172, in key [stem: *Atrec*-.] Type genus: *Atrecus* Jacquelin du Val, 1856.

**Tribe PLATYPROSOPINI Lynch Arribálzaga, 1884**

PLATYPROSOPARIA Lynch Arribálzaga, 1884: 165 [stem: *Platyprosop*-.] Type genus: *Platyprosopus* Mannerheim, 1830.  
PLATYPROSOPINAE I. Moore, 1964: 86, in key [stem: *Platyprosop*-.] Type genus: *Platyprosopus* Mannerheim, 1830. Comment: family-group name proposed as new without reference to PLATYPROSOPINAE Lynch Arribálzaga, 1884.

**Tribe STAPHYLININI Latreille, 1802**

STAPHYLINIAE Latreille, 1802: 124 [stem: *Staphylin*-.] Type genus: *Staphylinus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1959a)]. Comment: placed on the Official List of Family-Group Names in Zoology (as STAPHYLINIDAE Latreille, [1803-1804]) (ICZN 1959a).

**Subtribe AMBLYOPININA Seevers, 1944**

AMBLYOPININAE Seevers, 1944: 157 [stem: *Amblyopin*-.] Type genus: *Amblyopinus* Solsky, 1875.  
HETEROTHOPSI Coiffait, 1978: 300 [stem: *Heterothop*-.] Type genus: *Heterothops* Stephens, 1829. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 65); placement based on Chatzimanolis et al. (2010).

**Subtribe ANISOLININA Hayashi, 1993**

ANISOLININA Hayashi, 1993: 288 [stem: *Anisolin*-.] Type genus: *Anisolinus* Sharp, 1889. Comment: originally proposed as a subtribe of PHILONTHINI Kirby, 1837.

**Subtribe EUCIBDELINA Sharp, 1889**

EUCIBDELINI Sharp, 1889: 112 [stem: *Eucibdel*-.] Type genus: *Eucibdelus* Kraatz, 1859.

**Subtribe HYPTIOMINA Casey, 1906**

HYPTIOMAE Casey, 1906: 361 [stem: *Hyptiom*-.] Type genus: *Hyptioma* Casey, 1906 [syn. of *Holisus* Erichson, 1839]. Comment: current spelling main-

tained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Hyptiomat-*).

\**HOLISI* Blackwelder, 1944: 143 [stem: *Holis-*]. Type genus: *Holisus* Erichson, 1839. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*HOLISINA* Newton, 1988: 259 [stem: *Holis-*]. Type genus: *Holisus* Erichson, 1839.

### **Subtribe PHILONTHINA Kirby, 1837**

*PHILONTHIDAE* Kirby, 1837: 91 [stem: *Philonth-*]. Type genus: *Philonthus* Curtis, 1829.

\**RÉMATES* Mulsant and Rey, 1876: 596 [stem: *Rem-*]. Type genus: *Remus* sensu C. G. Thomson, 1859 [not *Remus* Holme, 1837; syn. of *Erichsonius* Fauvel, 1874]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; also based on a misidentified type genus.

*CRASPEDOMERI* Bernhauer, 1911: 88 [stem: *Craspedomer-*]. Type genus: *Craspedomerus* Bernhauer, 1911.

### **Subtribe QUEDIINA Kraatz, 1857**

*QUEDIIFORMES* Kraatz, 1857: 473 [stem: *Quedi-*]. Type genus: *Quedius* Stephens, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1996c)]. Comment: use of family-group name given precedence over *PLATYCNEMINI* Nordmann 1837 and "*QUEDIINI* Kraatz, [1857]" placed on the Official List of Family-Group Names in Zoology (ICZN 1996c).

\**ACYLOPHORINI* Scheerpeltz, 1968: 97 [stem: *Acylophor-*]. Type genus: *Acylophorus* Nordmann, 1837. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*ACYLOPHORINI* Outerelo and Gamarra, 1985: 48, in key [stem: *Acylophor-*]. Type genus: *Acylophorus* Nordmann, 1837.

### **Subtribe STAPHYLININA Latreille, 1802**

*STAPHYLINIAE* Latreille, 1802: 124 [stem: *Staphylin-*]. Type genus: *Staphylinus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1959a)]. Comment: placed on the Official List of Family-Group Names in Zoology (as *STAPHYLINIDAE* Latreille, [1803-1804]) and "*STAPHYLINII* Latreille, [1803-1804]" placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1959a).

*CREOPHILIDAE* Kirby, 1837: 95 [stem: *Creophil-*]. Type genus: *Creophilus* Leach, 1819 [*Creophilus* (attributed to Samouelle, 1819) placed on the Official List of Generic Names in Zoology (ICZN 1959a)].

THINOPININAE Böving and Craighead, 1931: 30 [stem: *Thinopin-*]. Type genus: *Thinopinus* J. L. LeConte, 1852.

OCYPINA Hatch, 1957: 173, in key [stem: *Ocypod-*]. Type genus: *Ocypus* Leach, 1819. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 65).

### **Subtribe TANYGNATHININA Reitter, 1909**

TANYGNATHININI Reitter, 1909: 105 [stem: *Tanygnathin-*]. Type genus: *Tanygnathinus* Reitter, 1909 [syn. of *Atanygnathus* Jakobson, 1909].

TANYGNATHINI Casey, 1915b: 424 [stem: *Tanygnath-*]. Type genus: *Tanygnathus* Erichson, 1839 [preoccupied genus name, not *Tanygnathus* Wagler, 1832 [Aves]; syn. of *Atanygnathus* Jakobson, 1909]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ATANYGNATHINI Lohse, 1964: 220 [stem: *Atanygnath-*]. Type genus: *Atanygnathus* Jakobson, 1909.

### **Subtribe XANTHOPYGINA Sharp, 1884**

PLATYCNEMIDIFORMES Nordmann, 1837: 6 [stem: *Platycnem-*]. Type genus: *Platycnemus* Nordmann, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1996c); syn. of *Haematodes* Laporte, 1835]. Comment: younger name XANTHOPYGINA Sharp, 1884 given precedence over this name (ICZN 1996c); placed on the Official List of Family-Group Names in Zoology (ICZN 1996c, as PLATYCNEMINI Nordmann, 1837).

XANTHOPYGINA Sharp, 1884: 342 [stem: *Xanthopyg-*]. Type genus: *Xanthopygus* Kraatz, 1857. Comment: family-group name given precedence over PLATYCNEMINI Nordmann, 1837 and placed on the Official List of Family-Group Names in Zoology (ICZN 1996c).

TRIACRI Bernhauer, 1931: 84 [stem: *Triacr-*]. Type genus: *Triacrus* Nordmann, 1837.

### **Tribe XANTHOLININI Erichson, 1839**

AGRAEFORMES Nordmann, 1837: 7 [stem: *Agrod-*]. Type genus: *Agrodes* Nordmann, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1996c); syn. of *Plochionocerus* Dejean, 1833]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1996c, as AGRODINI Nordmann, 1837); younger name XANTHOLININI Erichson, 1839 given precedence over this name (ICZN 1996c).

GYROHYPNIDAE Kirby, 1837: 88 [stem: *Gyrohypn-*]. Type genus: *Gyrohypnus* Leach, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 1983c, as *Gyrohypnus* Samouelle, 1819)]. Comment: placed on the Official List of Family-Group Names in Zoology (ICZN 1996c, as GYROHYPNINI Kirby, 1837); younger name XANTHOLININI Erichson, 1839 given precedence over this name (ICZN 1996c).

XANTHOLININI Erichson, 1839b: 28 [stem: *Xantholin-*]. Type genus: *Xantholinus* Dejean, 1821 [placed on the Official List of Generic Names in Zoology (ICZN 1983c)]. Comment: family-group name given precedence over AGRODINI Nordmann, 1837 and GYROHYPNINI Kirby, 1837 and placed on the Official List of Family-Group Names in Zoology (ICZN 1996c).

ARAEOCNEMES Casey, 1906: 359 [stem: *Araeocnem-*]. Type genus: *Araeocnemus* Nordmann, 1837 [as *Araeocnemis*, incorrect subsequent spelling of type genus name, not in prevailing usage; syn. of *Plochionocerus* Dejean, 1833].

METOPONCI Casey, 1906: 360 [stem: *Metoponc-*]. Type genus: *Metoponcus* Kraatz, 1857 [syn. of *Zeteotomus* Jacquelin du Val, 1856].

### †Subfamily PROTACTINAE Heer, 1847

PROTACTIDEN Heer, 1847: 28 [stem: *Protact-*]. Type genus: *Protactus* Heer, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Bronn (1848: 1045, as PROTACTIDAE), generally accepted as in Herman (2001: 3839, as PROTACTINAE).

### STAPHYLINOIDEA *incertae sedis*

HAMEEDINI M. Abdullah and Quadri, 1968: 310 [stem: *Hameedi-*]. Type genus: *Hameedia* M. Abdullah and Quadri, 1968. Comment: incorrect original stem formation, not in prevailing usage; originally proposed as a tribe of STAPHYLINIDAE: OXYPORINAE; correct placement uncertain (see Newton and Thayer 1992: 67).

## Series SCARABAEIFORMIA

### Superfamily SCARABAEOIDEA Latreille, 1802

SCARABAEÏDES Latreille, 1802: 144 [stem: *Scarabae-*]. Type genus: *Scarabaeus* Linnaeus, 1758. Comment: First Reviser (SCARABAEOIDEA Latreille, 1802 vs GEOTRUPOIDEA Latreille, 1802) not determined, current usage maintained.

### Family PLEOCOMIDAE LeConte, 1861

PLEOCOMINI J. L. LeConte, 1861: 128 [stem: *Pleocom-*]. Type genus: *Pleocoma* J. L. LeConte, 1856.

### Subfamily PLEOCOMINAE LeConte, 1861

PLEOCOMINI J. L. LeConte, 1861: 128 [stem: *Pleocom-*]. Type genus: *Pleocoma* J. L. LeConte, 1856.

### †Subfamily CRETOCOMINAE Nikolajev, 2002

CRETOCOMINI Nikolajev, 2002: 53 [stem: *Cretocom-*]. Type genus: *Cretocoma* Nikolajev, 2002.



**†Subfamily ARCHESCARABAEINAE Nikolajev, 2010**

ARCHESCARABAEINAE Nikolajev, 2010: 69 [stem: *Archescarabae-*]. Type genus: *Archescarabaeus* Nikolajev, 2010.

**Family GEOTRUPIDAE Latreille, 1802**

GEOTRUPINI Latreille, 1802: 142 [stem: *Geotrup-*]. Type genus: *Geotrupes* Latreille, 1797 [placed on the Official List of Generic Names in Zoology (ICZN 1955b)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1955c, as GEOTRUPINI Latreille, 1806).

**Subfamily TAUROCERASTINAE Germain, 1897**

TAUROCERASTIDAE Germain, 1897: 288 [stem: *Taurocerast-*]. Type genus: *Taurocerastes* Philippi, 1866.

**Subfamily BOLBOCERATINAE Mulsant, 1842**

BOLBOCÉRAIRES Mulsant, 1842: 347 [stem: *Bolbocerat-*]. Type genus: *Bolboceras* Kirby, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 2006a)].

**Tribe ATHYREINI Lynch Arribálzaga, 1878**

\*ATHYRÉITES Blanchard, 1845a: 221 [stem: *Athyre-*]. Type genus: *Athyreus* W. S. MacLeay, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 1985a)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1845a) (see A. B. T. Smith 2006: 148).

ATHYREITAE Lynch Arribálzaga, 1878: 145 [stem: *Athyre-*]. Type genus: *Athyreus* W. S. MacLeay, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 1985a)]. Comment: name previously attributed to Howden and Martínez (1963).

ATHYREINI Howden and Martínez, 1963: 346 [stem: *Athyre-*]. Type genus: *Athyreus* W. S. MacLeay, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 1985a)]. Comment: family-group name proposed as new without reference to ATHYRÉIDES Blanchard, 1845 or ATHYREITAE Lynch Arribálzaga, 1878.

**Tribe BOLBELASMINI Nikolajev, 1996**

BOLBELASMINI Nikolajev, 1996: 96 [stem: *Bolbelasm-*]. Type genus: *Bolbelasmus* Boucomont, 1911.

**Tribe BOLBOCERATINI Mulsant, 1842**

BOLBOCÉRAIRES Mulsant, 1842: 347 [stem: *Bolbocerat-*]. Type genus: *Bolboceras* Kirby, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 2006a)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Boucomont (1911: 333, as BOLBOCERINAE [incor-

rect stem formation]), generally accepted as in A. B. T. Smith (2006: 148, as BOLBOCERATINI); concept of *Bolboceras* Kirby, 1819 fixed by the Commission (ICZN 2006a); incorrect original stem formation, not in prevailing usage.  
AUSTRALOBOLBINI Nikolajev, 1996: 96 [stem: *Australobolb-*]. Type genus: *Australobolbus* Howden and Cooper, 1977.

**Tribe BOLBOCHROMINI Nikolajev, 1970**

BOLBOCHROMINI Nikolajev, 1970: 34 [stem: *Bolbochrom-*]. Type genus: *Bolbochromus* Boucomont, 1909.

**Tribe EUBOLBITINI Nikolajev, 1970**

EUBOLBITINI Nikolajev, 1970: 33 [stem: *Eubolbit-*]. Type genus: *Eubolbitus* Reitter, 1892.

**Tribe EUCANTHINI Nikolajev, 2003**

EUCANTHINI Nikolajev, 2003b: 209 [stem: *Eucanth-*]. Type genus: *Eucanthus* Westwood, 1848.

**Tribe GILLETININI Nikolajev, 1990**

GILLETININI Nikolajev, 1990: 99 [stem: *Gilletin-*]. Type genus: *Gilletinus* Boucomont, 1932.

**Tribe ODONTEINI Shokhin, 2007**

ODONTEINI Shokhin, 2007: 111 [stem: *Odonte-*]. Type genus: *Odonteus* Samouelle, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 2006a)]. Comment: replacement name for BOLBOCERATINI of authors because the concept of *Bolboceras* Kirby, 1819 was fixed differently by the Commission (ICZN 2006a).

**Tribe STENASPIDIINI Nikolajev, 2003**

STENASPIDIINI Nikolajev, 2003a: 190, in key [stem: *Stenaspidi-*]. Type genus: *Stenaspidius* Westwood, 1848.

**Subfamily GEOTRUPINAE Latreille, 1802**

GEOTRUPINI Latreille, 1802: 142 [stem: *Geotrup-*]. Type genus: *Geotrupes* Latreille, 1797 [placed on the Official List of Generic Names in Zoology (ICZN 1955b)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1955c, as GEOTRUPINI Latreille, 1806).

**Tribe CERATOTRUPINI Zunino, 1984**

CERATOTRUPINI Zunino, 1984: 89 [stem: *Ceratotrup-*]. Type genus: *Ceratotrupes* Jekel, 1866.

**Tribe ENOPLOTROPINI Paulian, 1945**

ENOPLOTROPINI Paulian, 1945: 40, in key [stem: *Enoplotrup*–]. Type genus: *Enoplotrupes* Lucas, 1869.

CHROMOGEOTROPINI Zunino, 1984: 30 [stem: *Chromogeotrup*–]. Type genus: *Chromogeotrupes* Bovo and Zunino, 1983.

**†Tribe CRETOGEOTROPINI Nikolajev, 1996**

CRETOGEOTROPINI Nikolajev, 1996: 97 [stem: *Cretogeotrup*–]. Type genus: *Cretogeotrupes* Nikolajev, 1992.

**Tribe GEOTROPINI Latreille, 1802**

GEOTROPINI Latreille, 1802: 142 [stem: *Geotrup*–]. Type genus: *Geotrupes* Latreille, 1797 [placed on the Official List of Generic Names in Zoology (ICZN 1955b)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1955c, as GEOTROPINI Latreille, 1806).

**Tribe LETHRINI Oken, 1843**

LETHREN Oken, 1843: 484 [stem: *Lethr*–]. Type genus: *Lethrus* Scopoli, 1777. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Tulk (1847: 614, as LETHRI); name previously attributed to Mulsant and Rey (1871a).

**Family BELOHINIDAE Paulian, 1959**

BELOHININAE Paulian, 1959: 40 [stem: *Belohin*–]. Type genus: *Belohina* Paulian, 1959.

**Family PASSALIDAE Leach, 1815**

PASSALIDA Leach, 1815: 100 [stem: *Passal*–]. Type genus: *Passalus* Fabricius, 1792.

**Subfamily AULACOCYCLINAE Kaup, 1868**

AULACOCYCLINAE Kaup, 1868a: 4 [stem: *Aulacocycl*–]. Type genus: *Aulacocyclus* Kaup, 1868.

**Tribe AULACOCYCLINI Kaup, 1868**

AULACOCYCLINAE Kaup, 1868a: 4 [stem: *Aulacocycl*–]. Type genus: *Aulacocyclus* Kaup, 1868.

**Tribe CERACUPEDINI Boucher, 2006**

CERACUPINI Boucher, 2006: 319 [stem: *Ceracuped*–]. Type genus: *Ceracupes* Kaup, 1871. Comment: incorrect original stem formation, not in prevailing usage.

**Subfamily PASSALINAE Leach, 1815**

PASSALIDA Leach, 1815: 100 [stem: *Passal*–]. Type genus: *Passalus* Fabricius, 1792.

**Tribe LEPTAULACINI Kaup, 1871**

LEPTAULACEAE Kaup, 1871: 28 [stem: *Leptaulac-*]. Type genus: *Leptaulax* Kaup, 1868.

**Tribe MACROLININI Kaup, 1871**

MACROLINEAE Kaup, 1871: 42 [stem: *Macrolin-*]. Type genus: *Macrolinus* Kaup, 1868. Comment: First Reviser found (MACROLININI Kaup, 1871 vs ACERAIINI Kaup, 1871) is Gravely (1918: 76).

ACERAIAE Kaup, 1871: 47 [stem: *Acerai-*]. Type genus: *Aceraius* Kaup, 1868.

ERIOCNEMIAE Kaup, 1871: 35 [stem: *Eriocnemid-*]. Type genus: *Eriocnemis* Kaup, 1868 [preoccupied genus name, not *Eriocnemis* Reichenbach, 1849 [Aves]; syn. of *Pelopides* Kuwert, 1896]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

GONATINAE Kuwert, 1891: 169 [stem: *Gonat-*]. Type genus: *Gonatas* Kaup, 1871.

MASTACHILINAE Kuwert, 1891: 167 [stem: *Mastachil-*]. Type genus: *Mastachilus* Kaup, 1868.

PHAROCHILINAE Kuwert, 1891: 166 [stem: *Pharochil-*]. Type genus: *Pharochilus* Kaup, 1868.

TARQUININAE Kuwert, 1891: 164 [stem: *Tarquini-*]. Type genus: *Tarquinius* Kuwert, 1891. Comment: incorrect original stem formation, not in prevailing usage.

VELLEJINAE Kuwert, 1891: 167 [stem: *Vellej-*]. Type genus: *Vellejus* Kaup, 1871 [preoccupied genus name, not *Vellejus* Mannerheim, 1830 [Coleoptera: STAPHYLINIDAE], not *Vellejus* Stål, 1865 [Hemiptera]; syn. of *Labiensus* Kaup, 1871]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

AURELIINAE Kuwert, 1896: 230 [stem: *Aureli-*]. Type genus: *Aurelius* Kuwert, 1891.

LACHINAE Kuwert, 1896: 230 [stem: *Lach-*]. Type genus: *Laches* Kaup, 1871 [preoccupied genus name, not *Laches* Gistel, 1848 [Hymenoptera], not *Laches* Thorell, 1869 [Arachnida]; syn. of *Aceraius* Kaup, 1868]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

PELOPINAE Kuwert, 1896: 229 [stem: *Pelopid-*]. Type genus: *Pelopides* Kuwert, 1896. Comment: incorrect original stem formation, not in prevailing usage.

PLEURARIINAE Kuwert, 1896: 224 [stem: *Pleurari-*]. Type genus: *Pleurarius* Kaup, 1868.

GNAPHALOCNEMINAE Gravely, 1914: 194 [stem: *Gnaphalocnemid-*]. Type genus: *Gnaphalocnemis* Heller, 1900 [syn. of *Pelopides* Kuwert, 1896]. Comment: incorrect original stem formation, not in prevailing usage.

AUSTROPASSALINAE Mjöberg, 1917: 11 [stem: *Austropassal-*]. Type genus: *Austropassalus* Mjöberg, 1917.

**Tribe PASSALINI Leach, 1815**

- PASSALIDA Leach, 1815: 100 [stem: *Passal-*]. Type genus: *Passalus* Fabricius, 1792.
- NELEINAE Kaup, 1869: 28 [stem: *Nele-*]. Type genus: *Neleus* Kaup, 1869 [preoccupied genus name, not *Neleus* Desbonne and Schramm, 1867 [Crustacea]; syn. of *Passalus* Fabricius, 1792]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- PERTINACEAE Kaup, 1871: 89 [stem: *Pertinac-*]. Type genus: *Pertinax* Kaup, 1869.
- PHORONEAE Kaup, 1871: 97 [stem: *Phorone-*]. Type genus: *Phoroneus* Kaup, 1869 [preoccupied genus name, not *Phoroneus* Stål, 1865 [Hemiptera]; syn. of *Passalus* Fabricius, 1792]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- MITRORHINAE Kuwert, 1891: 190 [stem: *Mitrorhin-*]. Type genus: *Mitrorhinus* Kaup, 1871.
- PAXILLINAE Kuwert, 1891: 182 [stem: *Paxill-*]. Type genus: *Paxillus* W. S. MacLeay, 1819.
- PETREJINAE Kuwert, 1891: 176 [stem: *Petrej-*]. Type genus: *Petrejus* Kaup, 1869.
- NELIDINAE Kuwert, 1896: 222 [stem: *Neleid-*]. Type genus: *Neleides* Kaup, 1869. Comment: incorrect original stem formation, not in prevailing usage.
- PTICHOPINAE Kuwert, 1896: 224 [stem: *Ptichopod-*]. Type genus: *Ptichopus* Kaup, 1869. Comment: incorrect original stem formation, not in prevailing usage.
- RHODACANTHOPINAE Kuwert, 1896: 222 [stem: *Rhodocanthopod-*]. Type genus: *Rhodocanthopus* Kaup, 1871. Comment: incorrect original stem formation, not in prevailing usage.
- VATINIINAE Kuwert, 1896: 226 [stem: *Vatini-*]. Type genus: *Vatinius* Kaup, 1869 [preoccupied genus name, not *Vatinius* Stål, 1865 [Hemiptera]; syn. of *Passalus* Fabricius, 1792]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

**Tribe PROCULINI Kaup, 1868**

- PROCULINAE Kaup, 1868b: 8 [stem: *Procul-*]. Type genus: *Proculus* Kaup, 1868.
- PSEUDACANTHEAE Kaup, 1871: 73 [stem: *Pseudacanth-*]. Type genus: *Pseudacanthus* Kaup, 1869.
- OILEINAE Kuwert, 1891: 192 [stem: *Oile-*]. Type genus: *Oileus* Kaup, 1869.
- SERTORINAE Kuwert, 1891: 175 [stem: *Sertori-*]. Type genus: *Sertorius* Kaup, 1871 [preoccupied genus name, not *Sertorius* Stål, 1866 [Hemiptera]; syn. of *Arrox* Zang, 1905]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.
- UNDULIFERINAE Kuwert, 1891: 176 [stem: *Undulifer-*]. Type genus: *Undulifer* Kaup, 1869.
- VETURINAE Kuwert, 1891: 173 [stem: *Veturi-*]. Type genus: *Veturius* Kaup, 1871. Comment: incorrect original stem formation, not in prevailing usage.
- POPILIINAE Kuwert, 1896: 221 [stem: *Popili-*]. Type genus: *Popilius* Kaup, 1871.

PROCULEJINAE Kuwert, 1896: 221 [stem: *Proculej-*]. Type genus: *Proculejus* Kaup, 1868.

SPURIINAE Kuwert, 1896: 221 [stem: *Spuri-*]. Type genus: *Spurius* Kaup, 1871.

VINDICINAE Kuwert, 1896: 227 [stem: *Vindic-*]. Type genus: *Vindex* Kaup, 1871.

### **Tribe SOLENOCYCLINI Kaup, 1871**

SOLENOCYCLEAE Kaup, 1871: 24 [stem: *Solenocycl-*]. Type genus: *Solenocyclus* Kaup, 1868. Comment: First Reviser found (SOLENOCYCLINI Kaup, 1871 vs STEPHANOCEPHALINI Kaup, 1871) is Boucher (2006).

STEPHANOCEPHALEAE Kaup, 1871: 78 [stem: *Stephanocephal-*]. Type genus: *Stephanocephalus* Kaup, 1868.

CICERONINAE Kuwert, 1891: 183 [stem: *Ciceroni-*]. Type genus: *Ciceronius* Kaup, 1871. Comment: incorrect original stem formation, not in prevailing usage.

ERIONOMINAE Kuwert, 1891: 176 [stem: *Erionom-*]. Type genus: *Erionomus* Kaup, 1868.

FLAMININAE Kuwert, 1891: 185 [stem: *Flamini-*]. Type genus: *Flaminus* Kuwert, 1891. Comment: incorrect original stem formation, not in prevailing usage.

SEMICYCLINAE Kuwert, 1891: 177 [stem: *Semicycl-*]. Type genus: *Semicyclus* Kaup, 1871.

### **Family TROGIDAE MacLeay, 1819**

TROGIDAE W. S. MacLeay, 1819: 59 [stem: *Trog-*]. Type genus: *Trox* Fabricius, 1775.

#### **†Subfamily AVITORTORINAE Nikolajev, 2007**

AVITORTORINAE Nikolajev, 2007a: 110 [stem: *Avitortor-*]. Type genus: *Avitortor* Ponomarenko, 1977.

#### **Subfamily TROGINAE MacLeay, 1819**

TROGIDAE W. S. MacLeay, 1819: 59 [stem: *Trog-*]. Type genus: *Trox* Fabricius, 1775.

PHOBERIDAE Gistel, 1848: [5] [stem: *Phober-*]. Type genus: *Phoberus* W. S. MacLeay, 1819.

#### **Subfamily OMORGINAE Nikolajev, 2005**

OMORGINI Nikolajev, 2005a: 322 [stem: *Omorg-*]. Type genus: *Omorgus* Erichson, 1847.

### **Family GLARESIDAE Kolbe, 1905**

GLARESINI Kolbe, 1905: 543 [stem: *Glares-*]. Type genus: *Glaresis* Erichson, 1848.

### **Family DIPHYLLOSTOMATIDAE Holloway, 1972**

DIPHYLLOSTOMATIDAE Holloway, 1972: 38 [stem: *Diphylllostomat-*]. Type genus: *Diphylllostoma* Fall, 1901.



**Family LUCANIDAE Latreille, 1804**

LUCANIDES Latreille, 1804c: 149 [stem: *Lucan-*]. Type genus: *Lucanus* Scopoli, 1763.

**†Subfamily PROTOLUCANINAE Nikolajev, 2007**

PROTOLUCANINAE Nikolajev, 2007a: 18 [stem: *Protolucan-*]. Type genus: *Protolucanus* Nikolajev, 2007.

**Subfamily AESALINAE MacLeay, 1819**

AESALIDAE W. S. MacLeay, 1819: 102 [stem: *Aesal-*]. Type genus: *Aesalus* Fabricius, 1801.

**Tribe AESALINI MacLeay, 1819**

AESALIDAE W. S. MacLeay, 1819: 102 [stem: *Aesal-*]. Type genus: *Aesalus* Fabricius, 1801.

**Tribe CERATOGNATHINI Sharp, 1899**

CERATOGNATHINI Sharp, 1899a: 194 [stem: *Ceratognath-*]. Type genus: *Ceratognathus* Westwood, 1838.

**Tribe NICAGINI LeConte, 1861**

NICAGINI J. L. LeConte, 1861: 130 [stem: *Nicag-*]. Type genus: *Nicagus* J. L. LeConte, 1861.

**†Subfamily CERUCHITINAE Nikolajev, 2006**

CERUCHITINAE Nikolajev, 2006: 133 [stem: *Ceruchit-*]. Type genus: *Ceruchites* Statz, 1952.

**Subfamily SYNDESINAE MacLeay, 1819**

SYNDESIDAE W. S. MacLeay, 1819: 103 [stem: *Syndes-*]. Type genus: *Syndesus* W. S. MacLeay, 1819.

SINODENDRIENS Mulsant, 1842: 600 [stem: *Sinodendr-*]. Type genus: *Sinodendron* Hellwig, 1791. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Imhoff (1856: xii, as SINODENDRIDAE), generally accepted as in Ratcliffe (2002: 8, as SINODENDRINI).

CERUCHITES Jacquelin du Val, 1859: 4 [stem: *Ceruch-*]. Type genus: *Ceruchus* W. S. MacLeay, 1819. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 121, as CERUCHINI), generally accepted as in Ratcliffe (2002: 8, as CERUCHINI).

**Subfamily LAMPRIMINAE MacLeay, 1819**

LAMPRIMIDAE W. S. MacLeay, 1819: 97 [stem: *Lamprim-*]. Type genus: *Lamprima* Latreille, 1804.

**Tribe LAMPRIMINI MacLeay, 1819**

LAMPRIMIDAE W. S. MacLeay, 1819: 97 [stem: *Lamprim-*]. Type genus: *Lamprima* Latreille, 1804.

**Tribe STREPTOCERINI Kikuta, 1986**

STREPTOCERINI Kikuta, 1986: 131 [stem: *Streptocer-*]. Type genus: *Streptocerus* Fairmaire, 1850.

**Subfamily LUCANINAE Latreille, 1804**

LUCANIDES Latreille, 1804c: 149 [stem: *Lucan-*]. Type genus: *Lucanus* Scopoli, 1763.

**Tribe CHIASOGNATHINI Burmeister, 1847**

CHIASOGNATHIDAE H. C. C. Burmeister, 1847: 334 [stem: *Chiasognath-*]. Type genus: *Chiasognathus* Stephens, 1831.

**Tribe LUCANINI Latreille, 1804**

LUCANIDES Latreille, 1804c: 149 [stem: *Lucan-*]. Type genus: *Lucanus* Scopoli, 1763. Comment: published 7 March 1804; this family-group name was also used in the same year by Latreille (1804b [between 19 August and 17 September]: 234, as LUCANIDES).

FIGULIDAE H. C. C. Burmeister, 1847: 428 [stem: *Figul-*]. Type genus: *Figulus* W. S. MacLeay, 1819.

CORYPTICIDAE Gistel, 1848: [5] [stem: *Coryptic-*]. Type genus: *Corypticus* Sturm, 1843 [the genus was spelled *Coryptius* (Sturm 1843: 136) and *Corypticus* (Sturm 1843: 347) in the paper making the genus name available but the latter spelling is in prevailing usage and is the correct spelling].

DORCIDAE Parry, 1864: 86 [stem: *Dorc-*]. Type genus: *Dorcus* W. S. MacLeay, 1819.

CLADOGNATHIDAE Parry, 1870: 75 [stem: *Cladognath-*]. Type genus: *Cladognathus* H. C. C. Burmeister, 1847 [syn. of *Prosopocoilus* Hope, 1845].

ODONTOLABIDAE Parry, 1870: 106 [stem: *Odontolabid-*]. Type genus: *Odontolabis* Hope, 1842. Comment: incorrect original stem formation, not in prevailing usage.

NIGIDIINI Jakobson, 1911b: 142 [stem: *Nigidi-*]. Type genus: *Nigidius* W. S. MacLeay, 1819. Comment: NIGIDIINI was attributed to Benesh (1960) and treated as unavailable by A. B. T. Smith (2006: 154).

LEPTINOPTERINI Jakobson, 1911b: 142 [stem: *Leptinopter-*]. Type genus: *Leptinopterus* Hope, 1838 [unjustified emendation of *Leptynopterus* by Hope (1845: 5), in prevailing usage and so deemed to be a justified emendation (Article 33.2.3.1)].

RHAETULINAE Miwa, 1931: 323 [stem: *Rhaetul-*]. Type genus: *Rhaetulus* Westwood, 1871.

PENICHROLUCANINAE Arrow, 1950: 233 [stem: *Penichrolucan-*]. Type genus: *Penichrolucanus* Deyrolle, 1863.

- \*CHALCODINAE Didier and Séguy, 1953: 91 [stem: *Chalcod-*]. Type genus: *Chalcodes* H. C. C. Burmeister, 1847. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- DENDEZIINI Benesh, 1955b: 72 [stem: *Dendezi-*]. Type genus: *Dendezia* Basilewsky, 1952.
- LISSOTINI Benesh, 1955b: 73 [stem: *Lissotet-*]. Type genus: *Lissotes* Westwood, 1855. Comment: incorrect original stem formation, not in prevailing usage.
- SCLEROSTOMINI Benesh, 1955a: 97 [stem: *Sclerostom-*]. Type genus: *Sclerostomus* H. C. C. Burmeister, 1847.
- SCORTIZINI Benesh, 1955a: 103 [stem: *Scortiz-*]. Type genus: *Scortizus* Westwood, 1834.
- \*PROSOPOCOILINI Benesh, 1960: 50 [stem: *Prosopocoil-*]. Type genus: *Prosopocoilus* Hope, 1845. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- \*PSEUDODORCINI Benesh, 1960: 97 [stem: *Pseudodorc-*]. Type genus: *Pseudodorcus* Parry, 1870. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- \*RHYSSONOTINI Benesh, 1960: 148 [stem: *Ryssonot-*]. Type genus: *Ryssonotus* W. S. MacLeay, 1819 [as *Rhyssonotus*, unjustified emendation of type genus name by Agassiz (1846b: 329), not in prevailing usage]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.
- \*CHALCODINAE J. P. Lacroix, 1979: 258 [stem: *Chalcod-*]. Type genus: *Chalcodes* H. C. C. Burmeister, 1847. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- PHOLIDOTINI Kikuta, 1986: 131 [stem: *Pholidot-*]. Type genus: *Pholidotus* W. S. MacLeay, 1819 [preoccupied genus name, not *Pholidotus* Brisson, 1762 [Mammalia]; syn. of *Casignetus* W. S. MacLeay, 1819]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- \*AEGINI Maes, 1992b: 97 [stem: *Aeg-*]. Type genus: *Aegus* W. S. MacLeay, 1819. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); AEGIDAE A. White, 1850 (type genus *Aega* Leach, 1815) is currently used as valid in Isopoda and therefore anyone wishing to base a new family-group name on the genus *Aegus* W. S. MacLeay should change the stem in order to avoid homonymy with the isopod name.
- \*ALLOTOPINI Maes, 1992a: 56 [stem: *Allotop-*]. Type genus: *Allotopus* Albers, 1894. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

- \*CASIGNETINI Maes, 1992b: 61 [stem: *Casignet-*]. Type genus: *Casignetus* W. S. MacLeay, 1819. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); CASIGNETINI Falkovitsh, 1972 (type genus *Casigneta* Wallengren, 1881) proposed in Lepidoptera is permanently invalid since it is based on a preoccupied type genus name.
- \*COLOPHONINI Maes, 1992b: 107 [stem: *Colophon-*]. Type genus: *Colophon* Gray, 1832. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- \*CYCLOMMATINI Maes, 1992a: 56 [stem: *Cyclommat-*]. Type genus: *Cyclommatus* Parry, 1863. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- \*HOMODERINI Maes, 1992b: 85 [stem: *Homoder-*]. Type genus: *Homoderus* Parry, 1863. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- CASIGNETINI Reid, 1999: 175 [stem: *Casignet-*]. Type genus: *Casignetus* W. S. MacLeay, 1819. Comment: replacement name for PHOLIDOTINI Kikuta, 1986 because of the homonymy of the type genus.
- BRASILUCANINI Nikolajev, 1999a: 171 [stem: *Brasilucan-*]. Type genus: *Brasilucanus* Vulcano and Pereira, 1961.

### Tribe PLATYCERINI Mulsant, 1842

- PLATYCÉRAIRES Mulsant, 1842: 593 [stem: *Platycer-*]. Type genus: *Platycerus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gistel (1856a: 365, as PLATYCERIDAE), generally accepted as in Paulsen and Hawks (2008: 1, as PLATYCERINI).
- SYSTEMOCERINI Portevin, 1931: 2, in key [stem: *Systemocer-*]. Type genus: *Systemocerus* Weise, 1883 [syn. of *Platycerus* Geoffroy, 1762].

### Tribe PLATYCEROIDINI Paulsen and Hawks, 2008

- PLATYCEROIDINI Paulsen and Hawks, 2008: 2 [stem: *Platyceroid-*]. Type genus: *Platyceroides* Benesh, 1946.

### †Subfamily PARALUCANINAE Nikolajev, 2000

- PARALUCANINAE Nikolajev, 2000b: S328 [stem: *Paralucan-*]. Type genus: *Paralucanus* Nikolajev, 2000.

### Family OCHODAEIDAE Mulsant and Rey, 1871

- OCHODÉENS Mulsant and Rey, 1871b: 493 [stem: *Ochodae-*]. Type genus: *Ochodaeus* Dejean, 1821.

**†Subfamily CRETOCHODAEINAE Nikolajev, 1995**

CRETOCHODAEINI Nikolajev, 1995a: 78 [stem: *Cretochodae*]. Type genus: *Cretochodaeus* Nikolajev, 1995.

**Subfamily OCHODAEINAE Mulsant and Rey, 1871**

OCHODÉENS Mulsant and Rey, 1871b: 493 [stem: *Ochodae*]. Type genus: *Ochodaeus* Dejean, 1821.

**Tribe ENODOGNATHINI Scholtz, 1988**

ENODOGNATHINI Scholtz, 1988: 228 [stem: *Enodognath*]. Type genus: *Enodognathus* Benderitter, 1920 [as *Endognathus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Scholtz (1991: 30).

**Tribe OCHODAEINI Mulsant and Rey, 1871**

OCHODÉENS Mulsant and Rey, 1871b: 493 [stem: *Ochodae*]. Type genus: *Ochodaeus* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Arrow (1904: 747, as OCHODAEINAE), generally accepted as in A. B. T. Smith (2006: 155, as OCHODAEIDAE); incorrect original stem formation, not in prevailing usage.

**Subfamily CHAETOCANTHINAE Scholtz, 1988**

CHAETOCANTHINAE Scholtz, 1988: 231 [stem: *Chaetocanth*]. Type genus: *Chaetocanthus* Péringuey, 1901. Comment: precedence (CHAETOCANTHINAE Scholtz, 1988 vs PSEUDOCHODAEINAE Scholtz, 1988 vs SYNOCHODAEINAE Scholtz, 1988) given to taxon originally proposed at the higher rank (Art. 24.1).

**Tribe CHAETOCANTHINI Scholtz, 1988**

CHAETOCANTHINAE Scholtz, 1988: 231 [stem: *Chaetocanth*]. Type genus: *Chaetocanthus* Péringuey, 1901.

**Tribe PSEUDOCHODAEINI Scholtz, 1988**

PSEUDOCHODAEINI Scholtz, 1988: 235 [stem: *Pseudochodae*]. Type genus: *Pseudochodaeus* Carlson and Ritcher, 1974.

**Tribe SYNOCHODAEINI Scholtz, 1988**

SYNOCHODAEINI Scholtz, 1988: 237 [stem: *Synochodae*]. Type genus: *Synochodaeus* Kolbe, 1907.

**Family HYBOSORIDAE Erichson, 1847**

HYBOSORIDAE Erichson, 1847a: 104 [stem: *Hybosor*]. Type genus: *Hybosorus* W. S. MacLeay, 1819.

**†Subfamily MIMAPHODIINAE Nikolajev, 2007**

MIMAPHODIINAE Nikolajev, 2007b: 47 [stem: *Mimaphodi-*]. Type genus: *Mimaphodius* Nikolajev, 2007.

**Subfamily ANAIDINAE Nikolajev, 1996**

ANAIDINI Nikolajev, 1996: 94 [stem: *Anaid-*]. Type genus: *Anaides* Westwood, 1842.

CRYPTOGENIINI Howden, 2001: 199 [stem: *Cryptogeni-*]. Type genus: *Cryptogenius* Westwood, 1842.

**Subfamily CERATOCANTHINAE Martínez, 1968**

CERATOCANTHINI Martínez, 1968: 14 [stem: *Ceratocanth-*]. Type genus: *Ceratocanthus* A. White, 1842.

**Tribe CERATOCANTHINI Martínez, 1968**

ACANTHOCÉRIDES Lacordaire, 1856: 155 [stem: *Acanthocer-*]. Type genus: *Acanthocerus* W. S. MacLeay, 1819 [preoccupied genus name, not *Acanthocerus* Paliot de Beauvois, 1818 [Hemiptera]; syn. of *Ceratocanthus* A. White, 1842]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in J. L. LeConte (1861: 129, as ACANTHOCERINI); permanently invalid (Art. 39): based on preoccupied type genus.

CERATOCANTHINI Martínez, 1968: 14 [stem: *Ceratocanth-*]. Type genus: *Ceratocanthus* A. White, 1842. Comment: replacement name for ACANTHOCERINI Lacordaire, 1856 because of the homonymy of the type genus.

**Tribe IVIEOLINI Howden and Gill, 2000**

IVIEOLINI Howden and Gill, 2000: 315 [stem: *Ivieol-*]. Type genus: *Ivieolus* Howden and Gill, 1988.

**Tribe SCARABATERMITINI Nikolajev, 1999**

SCARABATERMITINI Nikolajev, 1999b: 175 [stem: *Scarabatermit-*]. Type genus: *Scarabatermes* Howden, 1973.

**Subfamily HYBOSORINAE Erichson, 1847**

HYBOSORIDAE Erichson, 1847a: 104 [stem: *Hybosor-*]. Type genus: *Hybosorus* W. S. MacLeay, 1819.

**Subfamily LIPAROCHRINAE Ocampo, 2006**

LIPAROCHRINAE Ocampo, 2006: 29 [stem: *Liparochr-*]. Type genus: *Liparochrus* Erichson, 1848.

**Subfamily PACHYPLECTRINAE Ocampo, 2006**

PACHYPLECTRINAE Ocampo, 2006: 30 [stem: *Pachyplectr-*]. Type genus: *Pachyplectrus* J. L. LeConte, 1874.



**Family GLAPHYRIDAE MacLeay, 1819**

GLAPHYRIDAE W. S. MacLeay, 1819: 76 [stem: *Glaphyr-*]. Type genus: *Glaphyrus* Latreille, 1802.

**Subfamily GLAPHYRINAE MacLeay, 1819**

GLAPHYRIDAE W. S. MacLeay, 1819: 76 [stem: *Glaphyr-*]. Type genus: *Glaphyrus* Latreille, 1802.

**Subfamily AMPHICOMINAE Blanchard, 1845**

AMPHICOMITES Blanchard, 1845a: 211 [stem: *Amphicom-*]. Type genus: *Amphicoma* Latreille, 1807. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Blanchard (1850: 52, as AMPHICOMITAE); name treated as unavailable by A. B. T. Smith (2006: 157).

**†Subfamily CRETOGLAPHYRINAE Nikolajev, 2005**

CRETOGLAPHYRINI Nikolajev, 2005b: 70 [stem: *Cretoglaphyr-*]. Type genus: *Cretoglaphyrus* Nikolajev, 2005.

**Family SCARABAEIDAE Latreille, 1802**

SCARABAEÏDES Latreille, 1802: 144 [stem: *Scarabae-*]. Type genus: *Scarabaeus* Linnaeus, 1758.

**†Subfamily LITHOSCARABAEINAE Nikolajev, 1992**

LITHOSCARABAEINAE Nikolajev, 1992: 76 [stem: *Lithoscarabae-*]. Type genus: *Lithoscarabaeus* Nikolajev, 1992.

**Subfamily CHIRONINAE Blanchard, 1845**

CHIRONITES Blanchard, 1845a: 225 [stem: *Chiron-*]. Type genus: *Chiron* W. S. MacLeay, 1819. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Harold (1868: 278, as CHIRONIDAE), generally accepted as in A. B. T. Smith (2006: 157, as CHIRONINAE).

**Subfamily AEGIALIINAE Laporte, 1840**

AEGIALITES Laporte, 1840b: 99 [stem: *Aegiali-*]. Type genus: *Aegialia* Latreille, 1807. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Harold (1868: 278, as AEGIALIDAE [incorrect stem formation]), generally accepted as in A. B. T. Smith (2006: 157, as AEGIALIINAE); incorrect original stem formation, not in prevailing usage.

SILLUVIINAE Landin, 1950: 3 [stem: *Silluvi-*]. Type genus: *Silluvia* Landin, 1950.

SAPRINI Nikolajev, 2008: 149 [stem: *Sapr-*]. Type genus: *Saprus* Blackburn, 1904 [preoccupied genus name, not *Saprus* Gistel, 1856 [Coleoptera: SPHAERIUSIDAE]; syn. of *Sapriniana* Strand, 1917]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

**Subfamily EREMAZINAE Iablokoff-Khnzorian, 1977**

EREMAZINI Iablokoff-Khnzorian, 1977 [3 October]: 168 [stem: *Eremaz-*]. Type genus: *Eremazus* Mulsant, 1851.

EREMAZINA Stebnicka, 1977 [“31 December”]: 412 [stem: *Eremaz-*]. Type genus: *Eremazus* Mulsant, 1851. Comment: proposed as new, without reference to EREMAZINI Iablokoff-Khnzorian, 1977.

**Subfamily APHODIINAE Leach, 1815**

APHODIDA Leach, 1815: 97 [stem: *Aphodi-*]. Type genus: *Aphodius* Illiger, 1798.

**Tribe APHODIINI Leach, 1815**

APHODIDA Leach, 1815: 97 [stem: *Aphodi-*]. Type genus: *Aphodius* Illiger, 1798.

**Subtribe APHODIINA Leach, 1815**

APHODIDA Leach, 1815: 97 [stem: *Aphodi-*]. Type genus: *Aphodius* Illiger, 1798.

\*AMMOECIATES Mulsant, 1842: 301 [stem: *Ammoeci-*]. Type genus: *Ammoe-cius* Mulsant, 1842. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

\*PLAGIOGONATES Mulsant and Rey, 1871a: 609 [stem: *Plagiogon-*]. Type genus: *Plagiogonus* Mulsant, 1842. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

\*HEPTAULACATES Mulsant and Rey, 1871a: 585 [stem: *Heptaulac-*]. Type genus: *Heptaulacus* Mulsant, 1842. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

**Subtribe DIDACTYLIINA Pittino, 1985**

DIDACTYLIINA Pittino, 1985: 270, in key [stem: *Didactyli-*]. Type genus: *Didactylia* d’Orbigny, 1896.

**Subtribe PROCTOPHANINA Stebnicka and Howden, 1995**

PROCTOPHANINI Stebnicka and Howden, 1995: 742 [stem: *Proctophan-*]. Type genus: *Proctophanes* Harold, 1861.

**Tribe CORYTHODERINI Schmidt, 1910**

CORYTHODERINA A. Schmidt, 1910a: 137 [stem: *Corythoder-*]. Type genus: *Corythoderus* Klug, 1845. Comment: the earliest known publication date of this work is 31 December 1910 (see Evenhuis, 1994: 55); although CORYTHODERINA A. Schmidt (1910b: 93) was published on 30 September 1910, we use A. Schmidt, 1910a as the correct original work since “CORYTHODERINA Schmidt 1910: 137” was used as the correct citation for this name by A. Schmidt himself (1910b: 93).

**Tribe EUPARIINI Schmidt, 1910 *nomen protectum***

ATAENIDAE Harold, 1868: 278 [stem: *Ataeni-*]. Type genus: *Ataenius* Harold, 1867 [placed on the Official List of Generic Names in Zoology (ICZN 2010a)].

Comment: *nomen oblitum* (see A. B. T. Smith 2006: 158).

\*HEXALATES Mulsant and Rey, 1871a: 605 [stem: *Hexal-*]. Type genus: *Hexalus* Mulsant and Rey, 1871 [syn. of *Ataenius* Harold, 1867]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

EUPARIINA A. Schmidt, 1910a: 102 [stem: *Eupari-*]. Type genus: *Euparia* Lepeletier and Audinet-Serville, 1828. Comment: *nomen protectum* (see A. B. T. Smith 2006: 158); senior homonym of EUPARIINI B. D. Valentine, 1960 (type genus *Euparius* Schönherr, 1823) in ANTHRIBIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1); the earliest known publication date of this work is 31 December 1910 (see Evenhuis, 1994: 55); although EUPARIINA A. Schmidt (1910b: 71) was published on 30 September 1910, we use A. Schmidt, 1910a as the correct original work since “EUPARIINA Schmidt 1910: 102” was used as the correct citation for this name by A. Schmidt himself (1910b: 71).

LOMANOXIINI Stebnicka, 1999: 280 [stem: *Lomanoxi-*]. Type genus: *Lomanoxia* Martínez, 1951.

**Tribe ODONTOLOCHINI Stebnicka and Howden, 1996**

ODONTOLOCHINI Stebnicka and Howden, 1996: 99 [stem: *Odontoloch-*]. Type genus: *Odontolochus* Schmidt, 1916.

**Tribe ODOCHILINI Rakovič, 1987**

ODOCHILINI Rakovič, 1987: 29 [stem: *Odochil-*]. Type genus: *Odochilus* Harold, 1877.

**Tribe PSAMMODIINI Mulsant, 1842**

PSAMMODIAIRES Mulsant, 1842: 317 [stem: *Psammodi-*]. Type genus: *Psammodius* Fallén, 1807.

**Subtribe PHYCOCINA Landin, 1960**

PHYCOCHI Landin, 1960: 59 [stem: *Phycoc-*]. Type genus: *Phycocus* Broun, 1886 [as *Phycochus*, incorrect subsequent spelling of type genus name, not in prevailing usage (see Stebnicka 2001)]. Comment: incorrect original stem formation, not in prevailing usage.

PHYCOCHINI Rakovič and Král, 1997: 59 [stem: *Phycoc-*]. Type genus: *Phycocus* Broun, 1886 [as *Phycochus*, incorrect subsequent spelling of type genus name, not in prevailing usage (see Stebnicka 2001)]. Comment: incorrect original stem formation, not in prevailing usage; family-group name proposed as new without reference to Phycochi Landin, 1960.

**Subtribe PSAMMODIINA Mulsant, 1842**

PSAMMODIAIRES Mulsant, 1842: 317 [stem: *Psammodi-*]. Type genus: *Psammodius* Fallén, 1807. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Harold (1868: 278, as PSAMMODIDAE [incorrect stem formation]), generally accepted as in A. B. T. Smith (2006: 159, as PSAMMODIINI).

PLEUROPHORATES Mulsant, 1842: 304 [stem: *Pleurophor-*]. Type genus: *Pleurophorus* Mulsant, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Ádám (1994: 15, as PLEUROPHORINI).

PSAMMOBIINA Reitter, 1909: 303 [stem: *Psammobi-*]. Type genus: *Psammobius* Heer, 1841 [syn. of *Psammodius* Fallén, 1807].

**Subtribe RHYSEMINA Pittino and Mariani, 1986**

RHYSEMINA Pittino and Mariani, 1986: 17, in key [stem: *Rhysem-*]. Type genus: *Rhysemus* Mulsant, 1842.

**Tribe RHYPARINI Schmidt, 1910**

RHYPARINA A. Schmidt, 1910a: 130 [stem: *Rhypar-*]. Type genus: *Rhyparus* Westwood, 1845 [*Rhyparus* is an unjustified emendation of *Ryparus* Westwood, 1845 by Agassiz (1846b: 328), in prevailing usage, and so deemed to be a justified emendation (Article 33.2.3.1); the emended spelling avoids homonymy with *Ryparus* Spinola, 1844 [Coleoptera: CLERIDAE] (see A. B. T. Smith 2006: 159)]. Comment: the earliest known publication date of this work is 31 December 1910 (see Evenhuis, 1994: 55); although RHYPARINA A. Schmidt (1910b: 91) was published on 30 September 1910, we use A. Schmidt, 1910a as the correct original work since “RHYPARINA Schmidt 1910: 130” was used as the correct citation for this name by A. Schmidt himself (1910b: 91).

**Tribe STEREOMERINI Howden and Storey, 1992**

STEREOMERINI Howden and Storey, 1992: 1811 [stem: *Stereomer-*]. Type genus: *Stereomera* Arrow, 1905.

**Tribe TERMITODERINI Tangelder and Krikken, 1982**

TERMITODERINI Tangelder and Krikken, 1982: 10, in key [stem: *Termitoder-*]. Type genus: *Termitoderus* Mateu, 1966.

**Subfamily AULONOCNEMINAE Janssens, 1946**

AULONOCNEMINAE Janssens, 1946: 7, in key [stem: *Aulonocnem-*]. Type genus: *Aulonocnemis* Klug, 1837. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Aulonocnemid-*).

**Subfamily TERMITOTROGINAE Wasmann, 1918**

TERMITOTROGINI Wasmann, 1918: 4 [stem: *Termitotrog-*]. Type genus: *Termitotrox* Reichensperger, 1915.

**Subfamily SCARABAEINAE Latreille, 1802**

SCARABAEÏDES Latreille, 1802: 144 [stem: *Scarabae-*]. Type genus: *Scarabaeus* Linnaeus, 1758.

**Tribe ATEUCHINI Perty, 1830**

ATEUCHIDAE Perty, 1830: 38 [stem: *Ateuch-*]. Type genus: *Ateuchus* Weber, 1801.

**Subtribe ATEUCHINA Perty, 1830**

ATEUCHIDAE Perty, 1830: 38 [stem: *Ateuch-*]. Type genus: *Ateuchus* Weber, 1801. Comment: name previously attributed to Laporte (1840b: 63); use of subtribes follow Vaz-de-Mello (2008).

CHOERIDIDAE Harold, 1867: 9 [stem: *Choeridi-*]. Type genus: *Choeridium* Lepeletier and Audinet-Serville, 1828.

PINOTINAE Kolbe, 1905: 548 [stem: *Pinot-*]. Type genus: *Pinotus* Erichson, 1847.

DICHOTOMIINI Pereira, 1954: 55 [stem: *Dichotomi-*]. Type genus: *Dichotomius* Hope, 1838.

**Subtribe SCATIMINA Vaz-de-Mello, 2008**

SCATIMINA Vaz-de-Mello, 2008: 10 [stem: *Scatim-*]. Type genus: *Scatimus* Erichson, 1847.

**ATEUCHINI *incertae sedis***

DEMARZIELLINI Balthasar, 1961: 178 [stem: *Demarziell-*]. Type genus: *Demarziella* Balthasar, 1961. Comment: family-group taxon not originally described but available (Art. 13.5) (see Matthews and Stebnicka 1986); current placement follows Vaz-de-Mello (2008).

**Tribe COPRINI Leach, 1815**

\*COPRIDES Baudet-Lafarge, 1809: 44 [stem: *Copr-*]. Type genus: *Copris* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Baudet-Lafarge (1809).

COPRIDES Leach, 1815: 96 [stem: *Copr-*]. Type genus: *Copris* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Coprid-*).

COPTODACTYLINI Paulian, 1933: 67 [stem: *Coptodactyl-*]. Type genus: *Coptodactyla* H. C. C. Burmeister, 1846.

**Tribe DELTOCHILINI Lacordaire, 1856**

DELTOCHILIDES Lacordaire, 1856: 78 [stem: *Deltochil-*]. Type genus: *Deltochilum* Eschscholtz, 1822. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 125, as DELTOCHILA), generally accepted as in Germain (1903: 354, as DELTOCHILIDAE); First Reviser (DELTOCHILINI Lacordaire, 1856 vs MENTOPHILINI Lacordaire, 1856 vs SCATONOMINI Lacordaire, 1856) not determined, current usage maintained.

MINTHOPHILIDES Lacordaire, 1856: 80 [stem: *Mentophil-*]. Type genus: *Mentophilus* Laporte, 1840 [as *Minthophilus*, both *Mentophilus* (p. 74) and *Minthophilus* (p. 63) were used in the original publication by Laporte (1840b), although *Mentophilus* has been used as the correct spelling in recent literature, we could not determine the First Reviser]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Gerstaecker (1861: 464, as MINTHOPHILIDAE); name treated as unavailable by A. B. T. Smith (2006: 160); incorrect original stem formation, not in prevailing usage.

SCATONOMIDES Lacordaire, 1856: 87 [stem: *Scatonom-*]. Type genus: *Scatonomus* Erichson, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in J. L. LeConte (1861: 125, as SCATONOMI); transferred from ATEUCHINI by Vaz-de-Mello (2008).

COPROBIADAE H. C. C. Burmeister, 1873: 407 [stem: *Coprobi-*]. Type genus: *Coprobius* Latreille, 1829.

CANTHONIDES van Lansberge, 1875a: 184 [stem: *Canthon-*]. Type genus: *Canthon* Hoffmannsegg, 1817. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1905: 530, as CANTHONINAE), generally accepted as in A. B. T. Smith (2006: 160, as CANTHONINI).

EPILISSIDES van Lansberge, 1875a: 188 [stem: *Epiliss-*]. Type genus: *Epilissus* Dejean, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Shipp (1894: 255, as EPILISSINI).

EPIRINIDES van Lansberge, 1875a: 189 [stem: *Epirin-*]. Type genus: *Epirinus* Dejean, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Bertkau (1875: 335, as EPIRINI); name treated as unavailable by A. B. T. Smith (2006: 160).

PANELINI Arrow, 1931: 404 [stem: *Panel-*]. Type genus: *Panelus* Lewis, 1895.

**Tribe EUCRANIINI Burmeister, 1873**

EUCRANIADAE H. C. C. Burmeister, 1873: 405 [stem: *Eucrani-*]. Type genus: *Eucranium* Brullé, 1837.

ENNEARABDINI Pereira and Martínez, 1956: 238 [stem: *Ennearabd-*]. Type genus: *Ennearabdus* van Lansberge, 1874.

**Tribe GYMNOPLEURINI Lacordaire, 1856**

GYMNOPLEURIDES Lacordaire, 1856: 72 [stem: *Gymnopleur-*]. Type genus: *Gymnopleurus* Illiger, 1803. Comment: original vernacular name available (Art.



11.7.2): first used in latinized form by J. L. LeConte (1861: 124, as GYMNOPLEURI), generally accepted as in A. B. T. Smith (2006: 160, as GYMNOPLEURINI).

### **Tribe ONITICELLINI Kolbe, 1905**

ONITICELLINI Kolbe, 1905: 547 [stem: *Oniticell-*]. Type genus: *Oniticellus* Dejean, 1821. Comment: usage of this name over DREPANOCERINI conserved (Art. 35.5) (see A. B. T. Smith 2006).

### **Subtribe DREPANOCERINA van Lansberge, 1875**

DRÈPANOCÉRIDES van Lansberge, 1875b: 14 [stem: *Drepanocer-*]. Type genus: *Drepanocerus* Kirby, 1828. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1905: 531, as DREPANOCERINI), generally accepted as in A. B. T. Smith (2006: 161, as DREPANOCERINI); although DREPANOCERINI has priority over ONITICELLINI, the latter is in prevailing usage at the tribal level and must not be displaced by the older name (Art. 35.5) (see A. B. T. Smith 2006).

### **Subtribe EURYSTERNINA Vulcano, Martínez and Pereira, 1961**

EURYSTERNINI Vulcano et al., 1961: 268 [stem: *Eurystern-*]. Type genus: *Eurysternus* Dalman, 1824. Comment: current placement based on Génier (2009).

### **Subtribe HELICTOPLEURINA Janssens, 1946**

HELICTOPLEURIDES Janssens, 1946: 11, in key [stem: *Helictopleur-*]. Type genus: *Helictopleurus* d'Orbigny, 1915.

### **Subtribe ONITICELLINA Kolbe, 1905**

ONITICELLINI Kolbe, 1905: 547 [stem: *Oniticell-*]. Type genus: *Oniticellus* Dejean, 1821.

### **Tribe ONITINI Laporte, 1840**

ONITIDES Laporte, 1840b: 88 [stem: *Onit-*]. Type genus: *Onitis* Fabricius, 1798. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Shipp (1894: 255, as ONITIDAE), generally accepted as in A. B. T. Smith (2006: 161, as ONITINI); although Fabricius originally treated the type genus name as masculine, it appears in Greek dictionaries as a feminine noun (with stem *Onitid-*); we recommend that an application be submitted to the Commission to establish the correct gender of *Onitis* and the correct stem based on that genus.

### **Tribe ONTHOPHAGINI Burmeister, 1846**

ONTHOPHAGIDAE H. C. C. Burmeister, 1846: [1] [stem: *Onthophag-*]. Type genus: *Onthophagus* Latreille, 1802.

ALLOSCELIDES Janssens, 1946: 10, in key [stem: *Alloscel-*]. Type genus: *Alloscelus* Boucomont, 1923.

### **Tribe PHANAEINI Hope, 1838**

PHANAEIDAE Hope, 1838a: 321 [stem: *Phanae-*]. Type genus: *Phanaeus* W. S. MacLeay, 1819.

GROMPHINA Zunino, 1985a: 22 [stem: *Gromphad-*]. Type genus: *Gromphas* Brullé, 1837. Comment: published 20 November 1985; this family-group name was also used in the same year by Zunino (1985b [20 December]: 107, as GROMPHINA); incorrect original stem formation, not in prevailing usage.

### **Tribe SCARABAEINI Latreille, 1802**

SCARABAEÏDES Latreille, 1802: 144 [stem: *Scarabae-*]. Type genus: *Scarabaeus* Linnaeus, 1758.

PACHYSOMIDES Ferreira, 1953: 5, in key [stem: *Pachysomat-*]. Type genus: *Pachysoma* W. S. MacLeay, 1821. Comment: incorrect original stem formation, not in prevailing usage.

ACTINOPHORINI Ádám, 2003: 130 [stem: *Actinophor-*]. Type genus: *Actinophorus* Creutzer, 1799 [syn. of *Scarabaeus* Linnaeus, 1758].

### **Tribe SISYPHINI Mulsant, 1842**

SISYPHAIRES Mulsant, 1842: 41 [stem: *Sisyph-*]. Type genus: *Sisyphus* Latreille, 1807 [the original spelling of the type genus is *Sisyphe*, however, the incorrect subsequent spelling *Sisyphus* is in prevailing usage and should be considered the correct original spelling (Art. 33.3.1) (see A. B. T. Smith 2006)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Shipp (1894: 255, as SISYPHINAE), generally accepted as in A. B. T. Smith (2006: 162, as SISYPHINI).

### **†Subfamily PROTOTROGINAE Nikolajev, 2000**

PROTOTROGINAE Nikolajev, 2000a: 63 [stem: *Prototrog-*]. Type genus: *Prototrox* Nikolajev, 2000.

### **†Subfamily CRETOSCARABAEINAE Nikolajev, 1995**

CRETOSCARABAEINAE Nikolajev, 1995b: 147 [stem: *Cretoscarabae-*]. Type genus: *Cretoscarabaeus* Nikolajev, 1995.

### **Subfamily DYNAMOPODINAE Arrow, 1911**

DYNAMOPINAE Arrow, 1911: 611 [stem: *Dynamopod-*]. Type genus: *Dynamopus* Semenov, 1895.

**Tribe DYNAMOPODINI Arrow, 1911**

DYNAMOPINAE Arrow, 1911: 611 [stem: *Dynamopod-*]. Type genus: *Dynamopus* Semenov, 1895. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Lawrence and Newton (1995).

**Tribe THINORYCTERINI Semenov and A. N. Reichardt, 1925**

THINORYCTERINA Semenov and A. N. Reichardt, 1925: 86 [stem: *Thinorycter-*]. Type genus: *Thinorycter* Semenov and A. N. Reichardt, 1925.

**Subfamily PHAENOMERIDINAE Erichson, 1847**

PHAENOMERINI Erichson, 1847b: 655 [stem: *Phaenomerid-*]. Type genus: *Phaenomeris* Hope, 1833 [placed on the Official List of Generic Names in Zoology (ICZN 1962)]. Comment: stem emended from *Phaenomer-* to *Phaenomerid-* thus removing it from homonymy with another family-group name in Curculionidae and placed on the Official List of Family-Group Names in Zoology (ICZN 1962, as PHAENOMERIDIDAE Ohaus, 1913); in this ruling (ICZN 1962) “Ohaus, 1913” was erroneously given as the original author of this family-group name (see A. B. T. Smith 2006).

**Subfamily ORPHNINAE Erichson, 1847**

ORPHNIDAE Erichson, 1847a: 111 [stem: *Orphn-*]. Type genus: *Orphnus* W. S. MacLeay, 1819.

**Tribe AEGIDIINI Paulian, 1984**

AEGIDIINAE Paulian, 1984: 68 [stem: *Aegidi-*]. Type genus: *Aegidium* Westwood, 1845.

**Tribe ORPHNINI Erichson, 1847**

ORPHNIDAE Erichson, 1847a: 111 [stem: *Orphn-*]. Type genus: *Orphnus* W. S. MacLeay, 1819.

HYBALIDAE Marseul, 1857a: 83 [stem: *Hybal-*]. Type genus: *Hybalus* Dejean, 1833. Comment: name previously attributed to Jacquelin du Val (1859: 31, as HYBALITES) and treated as unavailable by A. B. T. Smith (2006: 163).

**Subfamily ALLIDIOSTOMATINAE Arrow, 1940**

IDIOSTOMINAE Arrow, 1904: 747 [stem: *Idiostomat-*]. Type genus: *Idiostoma* Arrow, 1904 [preoccupied genus name, not *Idiostoma* Walsingham, 1882 [Lepidoptera]; syn. of *Allidiostoma* Arrow, 1940]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

ALLIDIOSTOMIDAE Arrow, 1940: 16 [stem: *Allidiostomat-*]. Type genus: *Allidiostoma* Arrow, 1940. Comment: replacement name for IDIOSTOMINAE Arrow, 1904

because of the homonymy of the type genus; incorrect original stem formation, not in prevailing usage; correction of stem by Lawrence and Newton (1995).

**Subfamily ACLOPINAE Blanchard, 1850**

ACLOPITAE Blanchard, 1850: 96 [stem: *Aclop-*]. Type genus: *Aclopus* Erichson, 1835.

**Tribe ACLOPINI Blanchard, 1850**

ACLOPITAE Blanchard, 1850: 96 [stem: *Aclop-*]. Type genus: *Aclopus* Erichson, 1835.

**†Tribe HOLCOROBEINI Nikolajev, 1992**

HOLCOROBEINI Nikolajev, 1992: 81 [stem: *Holcorobe-*]. Type genus: *Holcorobeus* Nikritin, 1977.

**Tribe PHAENOGNATHINI Iablokoff-Khnzorian, 1977**

PHAENOGNATHINI Iablokoff-Khnzorian, 1977: 137, 172 [stem: *Phaenognath-*]. Type genus: *Phaenognatha* Hope, 1842.

**Subfamily MELOLONTHINAE Leach, 1819**

MELOLONTHIDAE Leach, 1819: 189 [stem: *Melolonth-*]. Type genus: *Melolontha* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

**Tribe ABLABERINI Blanchard, 1850**

ABLABERITAE Blanchard, 1850: 100 [stem: *Ablaber-*]. Type genus: *Ablabera* Dejean, 1833.

CAMENTINI Machatschke, 1959: 738 [stem: *Cament-*]. Type genus: *Camenta* Erichson, 1847.

**Tribe AUTOMOLIINI Britton, 1978**

CAULOBIINA H. C. C. Burmeister, 1855: 204 [stem: *Caulobi-*]. Type genus: *Caulobius* Le Guillou, 1844 [preoccupied genus name, not *Caulobius* Duponchel, 1838 [Lepidoptera]; syn. of *Deuteroaulobius* Dalla Torre, 1912]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

AUTOMOLINI Britton, 1957: 72 [stem: *Automol-*]. Type genus: *Automolus* H. C. C. Burmeister, 1855 [preoccupied genus name, not *Automolus* Reichenbach, 1853 [Aves]; syn. of *Automolius* Britton, 1978]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

AUTOMOLIINI Britton, 1978: 7 [stem: *Automoli-*]. Type genus: *Automolius* Britton, 1978. Comment: replacement name for AUTOMOLINI Britton, 1957 because of the homonymy of the type genus.

**Tribe CHASMATOPTERINI Lacordaire, 1856**

CHASMATOPTÉRIDES Lacordaire, 1856: 220 [stem: *Chasmatopter*-.]. Type genus: *Chasmatopterus* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1887: 130, as CHASMATOPTERIDAE), generally accepted as in A. B. T. Smith (2006: 164, as CHASMATOPTERINI).

**Tribe COLYMBOMORPHINI Blanchard, 1850**

COLYMBOMORPHITAE Blanchard, 1850: 97 [stem: *Colymbomorph*-.]. Type genus: *Colymbomorpha* Blanchard, 1850.

STETHASPIDIDAE H. C. C. Burmeister, 1855: 218 [stem: *Stethaspid*-.]. Type genus: *Stethaspis* Hope, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1983b)]. Comment: A. B. T. Smith (2006) used “STETHASPINI” as the valid name for this tribe, however, the fact that the genus *Colymbomorpha* is considered to be in this tribe, e.g., Houston and Weir (1992), brings the name COLYMBOMORPHINI into synonymy with STETHASPINI and XYLONICHINI; COLYMBOMORPHINI has nomenclatural priority and should be considered the valid name for this tribe.

XYLONYCHINI Britton, 1957: 9 [stem: *Xylonich*-.]. Type genus: *Xylonichus* Boisdual, 1835 [as *Xylonychus*, incorrect subsequent spelling of type genus name, not in prevailing usage (see A. B. T. Smith 2006: 166)]. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe COMOPHORININI Britton, 1957**

COMOPHORINI Britton, 1957: 10 [stem: *Comophorin*-.]. Type genus: *Comophorina* Strand, 1928. Comment: incorrect original stem formation, not in prevailing usage.

**†Tribe CRETOMELOLONTHINI Nikolajev, 1998**

CRETOMELOLONTHINI Nikolajev, 1998: 80 [stem: *Cretomelolonth*-.]. Type genus: *Cretomelolontha* Nikolajev, 1998.

**Tribe DICHELONYCHINI Burmeister, 1855**

DICHELONYCHIDAE H. C. C. Burmeister, 1855: 70 [stem: *Dichelonych*-.]. Type genus: *Dichelonyx* Harris, 1827.

**Tribe DIPHUCEPHALINI Laporte, 1840**

DIPHUCÉPHALITES Laporte, 1840b: 145 [stem: *Diphucephal*-.]. Type genus: *Diphucephala* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 125, as DIPHYCOCEPHALOIDAE [incorrect stem formation]), generally accepted as in A. B. T. Smith (2006: 165, as DIPHUCEPHALINI).

**Tribe DIPHYCERINI Medvedev, 1952**

DIPHYCERINI S. I. Medvedev, 1952: 186 [stem: *Diphycer-*]. Type genus: *Diphycerus* Deyrolle and Fairmaire, 1878.

**Tribe DILOTAXINI Kirby, 1837**

DILOTAXIDAE Kirby, 1837: 129 [stem: *Diplotax-*]. Type genus: *Diplotaxis* Kirby, 1837. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Diplotaxe-*).

APOGONIITAE Blanchard, 1851a: 228 [stem: *Apogoni-*]. Type genus: *Apogonia* Kirby, 1819.

LIOGENITAE Blanchard, 1851a: 166 [stem: *Liogeny-*]. Type genus: *Liogenys* Guérin-Méneville, 1831. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe EUCHIRINI Hope, 1840**

EUCHEIRIDAE Hope, 1840b: 300 [stem: *Euchir-*]. Type genus: *Euchirus* Kirby, 1828 [as *Eucheirus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe HETERONYCHINI Lacordaire, 1856**

HÉTÉRONYCIDES Lacordaire, 1856: 225 [stem: *Heteronych-*]. Type genus: *Heteronyx* Guérin-Méneville, 1831. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Bertkau (1890: 277, as HETERONYCHINI), generally accepted as in A. B. T. Smith (2006: 167, as HETERONYCHINI); incorrect original stem formation, not in prevailing usage.

**Tribe HOPLIINI Latreille, 1829**

HOPLIDES Latreille, 1829a: 563 [stem: *Hopli-*]. Type genus: *Hoplia* Illiger, 1803.

**Subtribe HOPLIINA Latreille, 1829**

HOPLIDES Latreille, 1829a: 563 [stem: *Hopli-*]. Type genus: *Hoplia* Illiger, 1803. Comment: incorrect original stem formation, not in prevailing usage.

DICHELIDEN Oken, 1843: 483 [stem: *Dichel-*]. Type genus: *Dichelus* Lepeletier and Audinet-Serville, 1828. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Tulk (1847: 614, as DICHELIDAE).

GYMNOLOMIDAE H. C. C. Burmeister, 1844: 138 [stem: *Gymnolomat-*]. Type genus: *Gymnoloma* Dejean, 1833. Comment: incorrect original stem formation, not in prevailing usage.

HETEROCHELIDAE H. C. C. Burmeister, 1844: 86 [stem: *Heterochel-*]. Type genus: *Heterochelus* H. C. C. Burmeister, 1844.



LEPISIIDAE H. C. C. Burmeister, 1844: 166 [stem: *Lepisi-*]. Type genus: *Lepisia* Lepeletier and Audinet-Serville, 1828.

SCELOPHYSIDES Péringuey, 1902: 624 [stem: *Scelophys-*]. Type genus: *Scelophysa* H. C. C. Burmeister, 1844.

\*MADAHOPLIINI M. Lacroix, 1997: 21 [stem: *Madahopli-*]. Type genus: *Madahoplia* Lacroix, 1998. Comment: unavailable family-group name, not based on available genus name at the time (see A. B. T. Smith 2006).

### **Subtribe PACHYCNEMINA Laporte, 1840**

PACHYCNÉMIDES Laporte, 1840b: 155 [stem: *Pachycnem-*]. Type genus: *Pachycnema* Lepeletier and Audinet-Serville, 1828. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Burmeister (1844: 53, as PACHYCNEMIDAE), generally accepted as in A. B. T. Smith (2006: 170, as PACHYCNEMINA).

LEPITRICHIDEN Oken, 1843: 483 [stem: *Lepitrich-*]. Type genus: *Lepitrix* Lepeletier and Audinet-Serville, 1828. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Tulk (1847: 614, as LEPITRICHIDAE).

ANISONYCHIDAE H. C. C. Burmeister, 1844: 35 [stem: *Anisonych-*]. Type genus: *Anisonyx* Latreille, 1807. Comment: Lucas (1920: 3) listed “ANISOCHELIDAE H. C. C. Burmeister” in error for “ANISONYCHIDAE H. C. C. Burmeister”; this name is a senior homonym of ANISONYCHINI Legalov, 2003 (type genus *Anisonychus* Voss, 1927) in ATTELABIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

### **Tribe LICHNIINI Burmeister, 1844**

LICHNIADAE H. C. C. Burmeister, 1844: 8 [stem: *Lichni-*]. Type genus: *Lichnia* Erichson, 1835.

### **Tribe LIPARETRINI Burmeister, 1855**

LIPARETRIDAE H. C. C. Burmeister, 1855: 187 [stem: *Liparetr-*]. Type genus: *Liparetrus* Guérin-Méneville, 1831.

HAPLONYCHIDAE H. C. C. Burmeister, 1855: 224 [stem: *Haplonych-*]. Type genus: *Haplonycha* Dejean, 1836 [unjustified emendation of *Aplonycha* by Agassiz (1846b: 29), in prevailing usage and so deemed to be a justified emendation (Article 33.2.3.1) (see A. B. T. Smith 2006: 166); syn. of *Colpochila* Erichson, 1843]. Comment: this name is a senior homonym of HAPLONYCHINI Lacordaire, 1865 (type genus *Haplonyx* Schönherr, 1836) proposed in CURCULIONIDAE and now a synonym of CRYPTOPLINI Lacordaire, 1863; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

ALLARINI Britton, 1955: 125 [stem: *Allar-*]. Type genus: *Allara* Britton, 1955.

COLPOCHILINI Britton, 1957: 10 [stem: *Colpochil-*]. Type genus: *Colpochila* Erichson, 1843.

### Tribe MACRODACTYLINI Kirby, 1837

MACRODACTYLIDAE Kirby, 1837: 133 [stem: *Macrodactyl-*]. Type genus: *Macrodactylus* Dejean, 1821.

CERASPIDIDAE H. C. C. Burmeister, 1855: 91 [stem: *Ceraspid-*]. Type genus: *Ceraspis* Lepeletier and Audinet-Serville, 1828.

DICRANIADAE H. C. C. Burmeister, 1855: 65 [stem: *Dicrani-*]. Type genus: *Dicrania* Lepeletier and Audinet-Serville, 1828.

ISONYCHIDAE H. C. C. Burmeister, 1855: 22 [stem: *Isonych-*]. Type genus: *Isonychus* Mannerheim, 1829.

MICROCRANIADAE H. C. C. Burmeister, 1855: 75 [stem: *Microcrani-*]. Type genus: *Microcrania* H. C. C. Burmeister, 1855.

PLECTRIDAE H. C. C. Burmeister, 1855: 80 [stem: *Plectr-*]. Type genus: *Plectris* Lepeletier and Audinet-Serville, 1828.

\*PHILOCHLÉNIDES Lacordaire, 1856: 256 [stem: *Philochloeni-*]. Type genus: *Philochloenia* Dejean, 1833 [as *Philochlaenia*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

CLAVIPALPIDES Lacordaire, 1856: 267 [stem: *Clavipalp-*]. Type genus: *Clavipalpus* Laporte, 1832. Comment: published before 29 March 1856; original vernacular name available (Art. 11.7.2): first used in latinized form by Imhoff (1856 [before 25 December]: xi, as CLAVIPALPIDAE), generally accepted as in G. H. Horn (1880e: 147, as CLAVIPALPIDES [treated as Latin]).

### Tribe MAECHIDIINI Burmeister, 1855

MAECHIDIINA H. C. C. Burmeister, 1855: 208 [stem: *Maechidi-*]. Type genus: *Maechidius* W. S. MacLeay, 1819.

### Tribe MELOLONTHINI Leach, 1819

MELOLONTHIDAE Leach, 1819: 189 [stem: *Melolonth-*]. Type genus: *Melolontha* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

### Subtribe ENARIINA Dewailly, 1950

ENARINA Dewailly, 1950: 323 [stem: *Enari-*]. Type genus: *Enaria* Erichson, 1847. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe HEPTOPHYLLINA Medvedev, 1951**

HEPTOPHYLLINI S. I. Medvedev, 1951: 197 [stem: *Heptophyll-*]. Type genus: *Heptophylla* Motschulsky, 1858.

**Subtribe LEUCOPHOLINA Burmeister, 1855**

LEUCOPHOLIDAE H. C. C. Burmeister, 1855: 285 [stem: *Leucophol-*]. Type genus: *Leucopholis* Dejean, 1833. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Leucopholid-*).

**Subtribe MELOLONTHINA Leach, 1819**

\*MÉLOLONTHIDES Baudet-Lafarge, 1809: 12 [stem: *Melolonth-*]. Type genus: *Melolontha* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Baudet-Lafarge (1809).

MELOLONTHIDAE Leach, 1819: 189 [stem: *Melolonth-*]. Type genus: *Melolontha* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: published in June 1819; this family-group name was also used in the same year by W. S. MacLeay (1819 [November]: 79, as MELOLONTHIDAE).

POLYPHYLLIDAE H. C. C. Burmeister, 1855: 397 [stem: *Polyphyll-*]. Type genus: *Polyphylla* Harris, 1841.

PSILONYCHIDES Péringuey, 1904: 184 [stem: *Psilonych-*]. Type genus: *Psilonychus* H. C. C. Burmeister, 1855.

**Subtribe PEGYLINA Lacroix, 1989**

PEGYLINI M. Lacroix, 1989: 115 [stem: *Pegyl-*]. Type genus: *Pegylis* Erichson, 1847. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Pegylid-*).

**Subtribe RHIZOTROGINA Burmeister, 1855**

RHIZOTROGIDAE H. C. C. Burmeister, 1855: 308 [stem: *Rhizotrog-*]. Type genus: *Rhizotrogus* Latreille, 1825.

TOSTEGOPTERAE J. L. LeConte, 1861: 139 [stem: *Tostegopter-*]. Type genus: *Tostegoptera* Blanchard, 1851.

**Subtribe SCHIZONYCHINA Burmeister, 1855**

SCHIZONYCHIDAE H. C. C. Burmeister, 1855: 265 [stem: *Schizonych-*]. Type genus: *Schizonycha* Dejean, 1833.

**Tribe ONCERINI LeConte, 1861**

ONCERINI J. L. LeConte, 1861: 133 [stem: *Oncer-*]. Type genus: *Oncerus* J. L. LeConte, 1856.

**Tribe PACHYPODINI Erichson, 1840**

PACHYPODEN Erichson, 1840b: 29 [stem: *Pachypod-*]. Type genus: *Pachypus* Dejean, 1821 [*nomen protectum*; this genus name is a junior homonym of *Pachypus* Billberg, 1820 *nomen oblitum*; we provide references to support the conservation of *Pachypus* Dejean, 1821 as the valid name for this genus (Art. 23.9.1) (see Appendix 1)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Erichson (1847a: 100, as PACHYPODA), generally accepted as in A. B. T. Smith (2006: 164, as PACHYPODINI).

**Tribe PACHYTRICHINI Burmeister, 1855**

PACHYTRICHIADAE H. C. C. Burmeister, 1855: 241 [stem: *Pachytrich-*]. Type genus: *Pachytricha* Hope, 1841.

**Tribe PHYLLOTOCIDIINI Britton, 1957**

PHYLLOTOCIDIINI Britton, 1957: 58 [stem: *Phyllotocidi-*]. Type genus: *Phyllotocidium* Blackburn, 1898.

**Tribe PODOLASIINI Howden, 1997**

LASIOPODES J. L. LeConte, 1856: 282 [stem: *Lasiopod-*]. Type genus: *Lasiopus* J. L. LeConte, 1856 [preoccupied genus name, not *Lasiopus* Schönherr, 1823 [Coleoptera: CURCULIONIDAE], not *Lasiopus* Geoffroy, 1835 [Mammalia]; syn. of *Podolasia* Harold, 1869]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

PODOLASIINI Howden, 1997: 224 [stem: *Podolasi-*]. Type genus: *Podolasia* Harold, 1869.

**Tribe SCITALINI Britton, 1957**

SCITALINI Britton, 1957: 10 [stem: *Scital-*]. Type genus: *Scitala* Erichson, 1842.

**Tribe SERICINI Kirby, 1837**

SERICIDAE Kirby, 1837: 128 [stem: *Seric-*]. Type genus: *Serica* W. S. MacLeay, 1819.

**Subtribe PHYLLOTOCINA Burmeister, 1855**

PHYLLOTOCIDAE H. C. C. Burmeister, 1855: 182 [stem: *Phyllotoc-*]. Type genus: *Phyllotocus* Fisher von Waldheim, 1823.

**Subtribe SERICINA Kirby, 1837**

SERICIDAE Kirby, 1837: 128 [stem: *Seric-*]. Type genus: *Serica* W. S. MacLeay, 1819. Comment: published 23 October 1837; this family-group name

was also proposed in the same year by Hope (1837 [“31 December”]: 73, 107, as SERICIDAE); Hope (1840a: 112) refers to the publication by Kirby (1837) which is further evidence that the publication by Kirby was published first (see A. B. T. Smith 2006: 165).

OMALOPLIITES Blanchard, 1845a: 212 [stem: *Omalopli-*]. Type genus: *Omaloplia* Schönherr, 1817. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gistel (1848: [5], as OMALOPLIAEIDAE [incorrect stem formation]), generally accepted as in Blanchard (1853: 129, as OMALOPLIITAE); OMALOPLIITES Blanchard, 1845 treated as unavailable and the first available name based on this type genus listed as HOMALOPLIINA H. C. C. Burmeister, 1855 by A. B. T. Smith (2006: 165). ASTAENIDAE H. C. C. Burmeister, 1855: 123 [stem: *Astaen-*]. Type genus: *Astaena* Erichson, 1847.

### **Subtribe TROCHALINA Brenske, 1898**

TROCHALINAE Brenske, 1898: 354 [stem: *Trochal-*]. Type genus: *Trochalus* Laporte, 1832.

### **Tribe SERICOIDINI Erichson, 1847**

SERICOIDEAE Erichson, 1847a: 102 [stem: *Sericoid-*]. Type genus: *Sericoides* Guérin-Ménéville, 1840.

### **Tribe SYSTELLOPINI Sharp, 1877**

SYSTELLOPIDES Sharp, 1877: 311 [stem: *Systellop-*]. Type genus: *Systellopus* Sharp, 1877. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Systellopod-*).

### **Tribe TANYPROCTINI Erichson, 1847**

TANYPROCTINI Erichson, 1847b: 653 [stem: *Tanyproct-*]. Type genus: *Tanyproctus* Ménétriés, 1832.

### **Subtribe MACROPHYLLINA Burmeister, 1855**

MACROPHYLLIDAE H. C. C. Burmeister, 1855: 447 [stem: *Macrophyll-*]. Type genus: *Macrophylla* Hope, 1837 [syn. of *Aegostheta* Dejean, 1833]. Comment: senior homonym of MACROPHYLLINA Gray, 1866 (type genus *Macrophyllum* Gray, 1838) in Mammalia; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

AEGOSTHETINI Lacroix, 2007: 203 [stem: *Aegosthet-*]. Type genus: *Aegostheta* Dejean, 1833.

### **Subtribe TANYPROCTINA Erichson, 1847**

TANYPROCTINI Erichson, 1847b: 653 [stem: *Tanyproct-*]. Type genus: *Tanyproctus* Ménétriés, 1832.

- ELAPHOCERITAE Blanchard, 1851a: 164 [stem: *Elaphocer-*]. Type genus: *Elaphocera* Gén  , 1836. Comment: ELAPHOCERINI no longer has priority over PACHYDEMINI through a reversal of precedence (A. B. T. Smith 2006: 168).
- PACHYDEMIDAE H. C. C. Burmeister, 1855: 437 [stem: *Pachydem-*]. Type genus: *Pachydema* Laporte, 1832. Comment: name conserved over ELAPHOCERINI Blanchard, 1851 as a *nomen protectum* and treated as valid by A. B. T. Smith (2006: 168).
- ACHLOIDAE H. C. C. Burmeister, 1855: 465 [stem: *Achlo-*]. Type genus: *Achloa* Erichson, 1840.
- CEPHALOTRICHIDAE H. C. C. Burmeister, 1855: 433 [stem: *Cephalotrichi-*]. Type genus: *Cephalotrichia* Hope, 1837.
- \*LEPTOPODIDAE H. C. C. Burmeister, 1855: 428 [stem: *Leptopod-*]. Type genus: *Leptopus* Waltl, 1838 [preoccupied genus name, not *Leptopus* Latreille, 1809 [Hemiptera], not *Leptopus* Rafinesque, 1814 [Pisces], not *Leptopus* Lamarck, 1818 [Crustacea], and not *Leptopus* Fall  n, 1823 [Diptera]; syn. of *Elaphocera* Gen  , 1836]. Comment: family-group name unavailable (Art. 11.7.1.1): not based on a genus used as valid at the time.
- SPARRMANNINI P  ringuey, 1904: 170 [stem: *Sparrmanni-*]. Type genus: *Sparrmannia* Laporte, 1840 [*nomen protectum*; this genus name is a junior synonym of *Leocaeta* Dejean, 1833 *nomen oblitum* and *Cephalotrichia* Hope, 1837 *nomen oblitum*; we provide references to support the conservation of *Sparrmannia* as the valid name for this genus (Art. 23.9.1) (see Appendix 1); *Sparrmannia* is an incorrect subsequent spelling of *Sparmannia* Laporte, 1840, in prevailing usage and so deemed to be the correct original spelling (see Evans 1989)]. Comment: incorrect original stem formation, not in prevailing usage.

### Subfamily RUTELINAE MacLeay, 1819

- RUTELIDAE W. S. MacLeay, 1819: 69 [stem: *Rutel-*]. Type genus: *Rutela* Latreille, 1802. Comment: First Reviser (RUTELINAE MacLeay, 1819 vs ANOPLOGNATHINAE MacLeay, 1819) not determined, current usage maintained.

### Tribe ADORETINI Burmeister, 1844

- ADORETIDAE H. C. C. Burmeister, 1844: 466 [stem: *Adoret-*]. Type genus: *Adoretus* Dejean, 1833.

### Subtribe ADORETINA Burmeister, 1844

- ADORETIDAE H. C. C. Burmeister, 1844: 466 [stem: *Adoret-*]. Type genus: *Adoretus* Dejean, 1833.
- ADORODOCIINA Ohaus, 1912: 151 [stem: *Adorodoci-*]. Type genus: *Adorodocia* Brenske, 1893.
- ADOROLEPTINA Ohaus, 1912: 151 [stem: *Adorolept-*]. Type genus: *Adoroleptus* Brenske, 1893.



PSEUDADORETINA Ohaus, 1912: 151 [stem: *Pseudadoret*]. Type genus: *Pseudadoretus* Semenov, 1889.

SCAPHORHINADORETINA Ohaus, 1912: 151 [stem: *Scaphorhinadoret*]. Type genus: *Scaphorhinadoretus* Ohaus, 1912. Comment: erroneously cited as a new genus originally but correctly listed as a subtribe on p. 426 of the same work.

### **Subtribe ADORRHINYPTIINA Arrow, 1917**

ADORRHINYPTIINI Arrow, 1917: 273 [stem: *Adorrrhinypti*]. Type genus: *Adorrrhinyptia* Arrow, 1917.

### **Subtribe PACHYRHINADORETINA Ohaus, 1912**

PACHYRHINADORETINA Ohaus, 1912: 151 [stem: *Pachyrhinadoret*]. Type genus: *Pachyrhinadoretus* Ohaus, 1912.

### **Subtribe PRODORETINA Ohaus, 1912**

PRODORETINA Ohaus, 1912: 151 [stem: *Prodoret*]. Type genus: *Prodoretus* Brenske, 1893.

### **Subtribe TRIGONOSTOMUSINA Ohaus, 1912**

TRIGONOSTOMINA Ohaus, 1912: 151 [stem: *Trigonostomus*]. Type genus: *Trigonostomus* Brenske, 1893 [placed on the Official List of Generic Names in Zoology (ICZN 2009b)]. Comment: *Trigonostomus*- determined to be the correct stem of this name to avoid homonymy with TRIGONOSTOMIDAE Graff, 1905 (type genus *Trigonostomum* Schmidt, 1852) in Platyhelminthes and TRIGONOSTOMUSINA Ohaus, 1912 placed on the Official List of Family-group Names in Zoology (ICZN 2009b).

### **Tribe ALVARENGIINI Frey, 1975**

\*PACHYLIDES Lacordaire, 1856: 394 [stem: *Pachyl*]. Type genus: *Pachylus* H. C. C. Burmeister, 1847 [preoccupied genus name, not *Pachylus* C. L. Koch, 1839 [Arachnida]; syn. of *Ottokelleria* d'Andretta and Martínez, 1957]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; if discovered to be available then permanently invalid (Art. 39): based on preoccupied type genus; PACHYLINAE Sørensen, 1884 (type genus *Pachylus* C. L. Koch, 1839) is used as valid in Arachnida.

ALVARENGIINI Frey, 1975: 84 [stem: *Alvarengi*]. Type genus: *Alvarengius* Frey, 1975.

### **Tribe ANATISTINI Lacordaire, 1856**

ANATISTIDES Lacordaire, 1856: 321 [stem: *Anatist*]. Type genus: *Anatista* Brême, 1844. Comment: published before 29 March 1856; original vernacular name

available (Art. 11.7.2): first used in latinized form and generally accepted as in Imhoff (1856 [before 25 December]: xi, as ANATISTIDAE).

SPODOCHLAMYDINI Ohaus, 1918: 166 [stem: *Spodochlamyd-*]. Type genus: *Spodochlamys* H. C. C. Burmeister, 1855.

### **Tribe ANOMALINI Streubel, 1839 *nomen protectum***

ANOMALIDAE Streubel, 1839: 136 [stem: *Anomal-*]. Type genus: *Anomala* Samouelle, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 1989d); *Anomala* von Block, 1799 was suppressed for the purposes of the Principle of Priority and the Principle of Homonymy (ICZN 1989d)]. Comment: *nomen protectum* (see A. B. T. Smith 2006: 173).

### **Subtribe ANISOPLIINA Burmeister, 1844**

ANISOPLIADAE H. C. C. Burmeister, 1844: 208 [stem: *Anisopli-*]. Type genus: *Anisoplia* Schönherr, 1817. Comment: incorrect original stem formation, not in prevailing usage.

### **Subtribe ANOMALINA Streubel, 1839 *nomen protectum***

EUCHLORIDAE Hope, 1839: 67 [stem: *Euchlor-*]. Type genus: *Euchlora* W. S. MacLeay, 1819. Comment: *nomen oblitum* (see A. B. T. Smith 2006: 173).

ANOMALIDAE Streubel, 1839: 136 [stem: *Anomal-*]. Type genus: *Anomala* Samouelle, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 1989d); *Anomala* von Block, 1799 was suppressed for the purposes of the Principle of Priority and the Principle of Homonymy (ICZN 1989d)]. Comment: *nomen protectum* (see A. B. T. Smith 2006: 173).

PHYLLURGAEIDAE Gistel, 1848: [5] [stem: *Phyllurg-*]. Type genus: *Phyllurga* Gistel, 1848 [syn. of *Euchlora* W. S. MacLeay, 1819].

DILOPHOCHILINA Ohaus, 1918: 166 [stem: *Dilophochil-*]. Type genus: *Dilophochila* H. W. Bates, 1888.

### **Subtribe ISOPLIINA Péringuey, 1902**

ISOPLIINI Péringuey, 1902: 564 [stem: *Isopli-*]. Type genus: *Isoplia* H. C. C. Burmeister, 1855.

### **Subtribe LEPTHOPLIINA Potts, 1974**

LEPOTHOPLIINI Potts, 1974: 152 [stem: *Leptohopli-*]. Type genus: *Leptohoplia* Saylor, 1935. Comment: incorrect original stem formation, not in prevailing usage.

### **Subtribe POPILLIINA Ohaus, 1918**

POPILLIINA Ohaus, 1918: 133 [stem: *Popilli-*]. Type genus: *Popillia* Dejean, 1821.

**Tribe ANOPLGNATHINI MacLeay, 1819**

ANOPLGNATHIDAE W. S. MacLeay, 1819: 81 [stem: *Anoplognath-*]. Type genus: *Anoplognathus* Leach, 1815.

**Subtribe ANOPLGNATHINA MacLeay, 1819**

ANOPLGNATHIDAE W. S. MacLeay, 1819: 81 [stem: *Anoplognath-*]. Type genus: *Anoplognathus* Leach, 1815.

**Subtribe BRACHYSTERNINA Burmeister, 1844**

BRACHYSTERNIDAE H. C. C. Burmeister, 1844: 455 [stem: *Brachystern-*]. Type genus: *Brachysternus* Guérin-Méneville, 1831.

**Subtribe PHALANGOGONIINA Ohaus, 1918**

PHALANGOGONIINA Ohaus, 1918: 176 [stem: *Phalangogoni-*]. Type genus: *Phalangogonia* H. C. C. Burmeister, 1844.

**Subtribe PLATYCOELIINA Burmeister, 1844**

PLATYCOELIIDAE H. C. C. Burmeister, 1844: 451 [stem: *Platycoeli-*]. Type genus: *Platycoelia* Dejean, 1833.

**Subtribe SCHIZOGNATHINA Ohaus, 1918**

SCHIZOGNATHINA Ohaus, 1918: 174 [stem: *Schizognath-*]. Type genus: *Schizognathus* Fischer von Waldheim, 1823.

**Tribe GENIATINI Burmeister, 1844**

GENIATIDAE H. C. C. Burmeister, 1844: 478 [stem: *Geniat-*]. Type genus: *Geniates* Kirby, 1819. Comment: First Reviser (GENIATINI H. C. C. Burmeister, 1844 vs LEUCOTHYREINI H. C. C. Burmeister, 1844) not determined, current usage maintained.

LEUCOTHYREIDAE H. C. C. Burmeister, 1844: 485 [stem: *Leucothyre-*]. Type genus: *Leucothyreus* W. S. MacLeay, 1819.

**Tribe RUTELINI MacLeay, 1819**

RUTELIDAE W. S. MacLeay, 1819: 69 [stem: *Rutel-*]. Type genus: *Rutela* Latreille, 1802.

**Subtribe AREODINA Burmeister, 1844**

AREODIDAE H. C. C. Burmeister, 1844: 423 [stem: *Areod-*]. Type genus: *Areoda* W. S. MacLeay, 1819.

**Subtribe DESMONYCHINA Arrow, 1917**

DESMONYCHINAE Arrow, 1917: 359 [stem: *Desmonych-*]. Type genus: *Desmonyx* Arrow, 1907. Comment: spelled DESMONYCINAE pp. xiii, 359, 382, but spelled correctly DESMONYCHINAE p. 3 [in key].

**Subtribe DIDREPANEPHORINA Ohaus, 1918**

DIDREPANOPHORINA Ohaus, 1918: 14 [stem: *Didrepanephor-*]. Type genus: *Didrepanephorus* Wood-Mason, 1878 [as *Didrepanophorus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe HETEROSTERNINA Bates, 1888 *nomen protectum***

MACROPNI G. H. Horn, 1867b: 398 [stem: *Macropn-*]. Type genus: *Macropnus* G. H. Horn, 1867. Comment: *nomen oblitum* (see A. B. T. Smith 2006: 171).

HETEROSTERNINAE H. W. Bates, 1888: 286 [stem: *Heterostern-*]. Type genus: *Heterosternus* Dupont, 1832. Comment: *nomen protectum* (see A. B. T. Smith 2006: 171).

**Subtribe LASIOCALINA Ohaus, 1918**

LASIOCALINA Ohaus, 1918: 30 [stem: *Lasiocal-*]. Type genus: *Lasiocala* Blanchard, 1851.

**Subtribe ORYCTOMORPHINA Burmeister, 1847**

ORYCTOMORPHIDAE H. C. C. Burmeister, 1847: 28 [stem: *Oryctomorph-*]. Type genus: *Oryctomorphus* Guérin-Méneville, 1831.

**Subtribe PARASTASIINA Burmeister, 1844**

PARASTASIIDAE H. C. C. Burmeister, 1844: 368 [stem: *Parastasi-*]. Type genus: *Parastasia* Westwood, 1841.

**Subtribe RUTELINA MacLeay, 1819**

RUTELIDAE W. S. MacLeay, 1819: 69 [stem: *Rutel-*]. Type genus: *Rutela* Latreille, 1802.

CHASMODIIDAE H. C. C. Burmeister, 1844: 333 [stem: *Chasmodi-*]. Type genus: *Chasmodia* W. S. MacLeay, 1819.

CHRYSOPHORIDAE H. C. C. Burmeister, 1844: 412 [stem: *Chrysophor-*]. Type genus: *Chrysophora* Dejean, 1821.

MACRASPIDIDAE H. C. C. Burmeister, 1844: 343 [stem: *Macraspid-*]. Type genus: *Macraspis* W. S. MacLeay, 1819.

PELIDNOTIDAE H. C. C. Burmeister, 1844: 388 [stem: *Pelidnot-*]. Type genus: *Pelidnota* W. S. MacLeay, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 2003b)].

ANTICHIRIDES Lacordaire, 1856: 341 [stem: *Anticheir-*]. Type genus: *Anticheira* Eschscholtz, 1818 [as *Antichira*, unjustified emendation of type genus name by Agassiz (1846b: 27), not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in H. W. Bates (1888: 262, as ANTICHIRINA); incorrect original stem formation, not in prevailing usage.

PLUSIOTINA H. W. Bates, 1888: 276 [stem: *Plusiotid*-]. Type genus: *Plusiotis* H. C. C. Burmeister, 1844. Comment: incorrect original stem formation, not in prevailing usage.

FRUHSTORFERIINA Ohaus, 1918: 43 [stem: *Fruhstorferi*-]. Type genus: *Fruhstorferia* Kolbe, 1894.

### **Subfamily DYNASTINAE MacLeay, 1819**

DYNASTIDAE W. S. MacLeay, 1819: 64 [stem: *Dynast*-]. Type genus: *Dynastes* W. S. MacLeay, 1819.

### **Tribe AGAOCEPHALINI Burmeister, 1847**

AGAOCEPHALIDAE H. C. C. Burmeister, 1847: 280 [stem: *Agaocephal*-]. Type genus: *Agaocephala* Lepeletier and Audinet-Serville, 1828 [as *Agacephala*, incorrect subsequent spelling for *Agacephala*, in prevailing usage and so deemed to be the correct original spelling (Art. 33.3.1) (see A. B. T. Smith 2006)].

### **Tribe CYCLOCEPHALINI Laporte, 1840**

CYCLOCEPHALITES Laporte, 1840b: 124 [stem: *Cyclocephal*-]. Type genus: *Cyclocephala* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Imhoff (1856: xi, as CYCLOCEPHALIDAE), generally accepted as in A. B. T. Smith (2006: 175, as CYCLOCEPHALINI).

CHALEPIDAE H. C. C. Burmeister, 1847: 71 [stem: *Chalep*-]. Type genus: *Chalepus* W. S. MacLeay, 1819 [preoccupied genus name, not *Chalepus* Thunberg, 1805 [Coleoptera: CHRYSOMELIDAE]; syn. of *Dyscinetus* Harold, 1869]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; this family-group name is a senior homonym of CHALEPINI Weise, 1910 (type genus *Chalepus* Thunberg, 1805) currently used as valid in CHRYSOMELIDAE.

PELTONOTINI Arrow, 1917: 27 [stem: *Peltonot*-]. Type genus: *Peltonotus* H. C. C. Burmeister, 1847.

ACROBOLBIINA Ohaus, 1918: 13 [stem: *Acrobolbi*-]. Type genus: *Acrobolbia* Ohaus, 1912.

### **Tribe DYNASTINI MacLeay, 1819**

DYNASTIDAE W. S. MacLeay, 1819: 64 [stem: *Dynast*-]. Type genus: *Dynastes* W. S. MacLeay, 1819.

XYLOTRUPIDAE Hope, 1838b: 319 [stem: *Xylotrup*-]. Type genus: *Xylotrupes* Hope, 1837.

MEGASOMINAE Swainson, 1840: 210 [stem: *Megasomat*-]. Type genus: *Megasoma* Kirby, 1825. Comment: family-group name attributed to Imhoff (1856) in A. B. T. Smith (2006: 175); incorrect original stem formation, not in prevailing usage.

### **Tribe HEXODONTINI Lacordaire, 1856**

HEXODONTIDES Lacordaire, 1856: 391 [stem: *Hexodont*-]. Type genus: *Hexodon* A. G. Olivier, 1789. Comment: published before 29 March 1856; original

vernacular name available (Art. 11.7.2): first used in latinized form by Imhoff (1856 [before 25 December]: xi, as HEXODONTIDAE), generally accepted as in Arrow (1937: 4, as HEXODONTINI).

### Tribe ORYCTINI Mulsant, 1842

ORYCTÉSAIRES Mulsant, 1842: 372 [stem: *Oryct-*]. Type genus: *Oryctes* Illiger, 1798. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by MacDonald (1845: 185, as ORYCTESIAE [incorrect stem formation]), generally accepted as in A. B. T. Smith (2006: 175, as ORYCTINI); incorrect original stem formation, not in prevailing usage.

MEGACERIDAE H. C. C. Burmeister, 1847: 212 [stem: *Megacerat-*]. Type genus: *Megaceras* Hope, 1837. Comment: incorrect original stem formation, not in prevailing usage.

STRATEGIDAE H. C. C. Burmeister, 1847: 87 [stem: *Strateg-*]. Type genus: *Strategus* Kirby, 1828.

### Tribe ORYCTODERINI Endrödi, 1966

ORYCTODERINI Endrödi, 1966: 25 [stem: *Oryctoder-*]. Type genus: *Oryctoderus* Boisduval, 1835.

### Tribe PENTODONTINI Mulsant, 1842

PENTODONAIRES Mulsant, 1842: 381 [stem: *Pentodont-*]. Type genus: *Pentodon* Hope, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 2003b)].

### Subtribe CHEIROPLATINA Carne, 1957

CHEIROPLATINA Carne, 1957: 61 [stem: *Cheiroplat-*]. Type genus: *Cheiroplatys* Hope, 1837. Comment: Casey (1915a) cites “Cheiroplatids” several times within the PENTODONTINI without formally erecting a subtribe; current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Cheiroplate-*).

### Subtribe DIPELICINA Carne, 1957

DIPELICINA Carne, 1957: 117 [stem: *Dipelic-*]. Type genus: *Dipelicus* Hope, 1843.

### Subtribe PENTODONTINA Mulsant, 1842

PENTODONAIRES Mulsant, 1842: 381 [stem: *Pentodont-*]. Type genus: *Pentodon* Hope, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 2003b)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1888: 314, as PENTODONTINAE), generally accepted as in A. B. T. Smith (2006: 176, as PENTODONTINA); incorrect original stem formation, not in prevailing usage.



CALICNÉMIENS Mulsant, 1842: 386 [stem: *Calicnemid*-]. Type genus: *Calicnemis* Laporte, 1832. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by MacDonald (1845: 185, as CALLICNEMIAE [incorrect stem formation]) and generally accepted as in Acloque (1896: 267, as CALICNEMISII) and Houlbert (1922b: 225, as CALLICNEMINI [incorrect stem formation]); name attributed to Blanchard (1845a) and treated as unavailable by A. B. T. Smith (2006: 168); incorrect original stem formation, not in prevailing usage.

BOTHYNIDAE H. C. C. Burmeister, 1847: 90 [stem: *Bothyn*-]. Type genus: *Bothynus* Hope, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 2008a)].

PIMELOPODEA H. C. C. Burmeister, 1847: 172 [stem: *Pimelopod*-]. Type genus: *Pimelopus* Erichson, 1842.

PODALGIDAE H. C. C. Burmeister, 1847: 90 [stem: *Podalg*-]. Type genus: *Podalgus* H. C. C. Burmeister, 1847 [placed on the Official List of Generic Names in Zoology (ICZN 2004a)].

METANASTINA Carne, 1957: 32 [stem: *Metanast*-]. Type genus: *Metanastes* Arrow, 1911.

### **Subtribe PSEUDORYCTINA Carne, 1957**

PSEUDORYCTINA Carne, 1957: 121 [stem: *Pseudoryct*-]. Type genus: *Pseudoryctes* Sharp, 1873.

### **Tribe PHILEURINI Burmeister, 1847**

PHILEURIDAE H. C. C. Burmeister, 1847: 138 [stem: *Phileur*-]. Type genus: *Phileurus* Latreille, 1807. Comment: usage of this name conserved over CRYPTODINI H. C. C. Burmeister and Schaum, 1840 (Art. 35.5).

### **Subtribe CRYPTODINA Burmeister and Schaum, 1840**

CRYPTODINAE H. C. C. Burmeister and Schaum, 1840: 360 [stem: *Cryptod*-]. Type genus: *Cryptodus* MacLeay, 1819. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Cryptodont*-); conservation of original stem avoids homonymy problems with CRYPTODONTIDAE Dall, 1895 (type genus *Cryptodon* Turton, 1822) in Mollusca: Bivalvia and CRYPTODONTINA Lacordaire, 1856 (type genus *Cryptodontes* H. C. C. Burmeister, 1847) in SCARABAEIDAE: CETONIINAE: TRICHIINI.

### **Subtribe PHILEURINA Burmeister, 1847**

PHILEURIDAE H. C. C. Burmeister, 1847: 138 [stem: *Phileur*-]. Type genus: *Phileurus* Latreille, 1807.

**Subfamily CETONIINAE Leach, 1815**

CETONIDA Leach, 1815: 99 [stem: *Cetoni-*]. Type genus: *Cetonia* Fabricius, 1775.

Comment: A. B. T. Smith (2006: 177) noted that although CETONIINAE has priority over MELOLONTHINAE, the latter is in prevailing usage at the family level and must not be displaced by the older name under Article 35.5 (only relevant in cases where authors consider MELOLONTHIDAE to be a family containing the subfamily CETONIINAE).

**Tribe CETONIINI Leach, 1815**

CETONIDA Leach, 1815: 99 [stem: *Cetoni-*]. Type genus: *Cetonia* Fabricius, 1775.

**Subtribe CETONIINA Leach, 1815**

CETONIDA Leach, 1815: 99 [stem: *Cetoni-*]. Type genus: *Cetonia* Fabricius, 1775.

ELAPHINI Schoch, 1894: 175 [stem: *Elaphin-*]. Type genus: *Elaphinis* H. C. C. Burmeister, 1842.

GLYCYPHANAE Schoch, 1894: 175 [stem: *Glycyphan-*]. Type genus: *Glycyphana* H. C. C. Burmeister, 1842.

PACHNODII Péringuey, 1907: 371 [stem: *Pachnod-*]. Type genus: *Pachnoda* H. C. C. Burmeister, 1842.

TEPHRAEIDES Schenkling, 1921: 313 [stem: *Tephrae-*]. Type genus: *Tephraea* H. C. C. Burmeister, 1842.

**Subtribe EUPHORIINA Horn, 1880**

EUPHORIAE G. H. Horn, 1880c: 397 [stem: *Euphori-*]. Type genus: *Euphoria* H. C. C. Burmeister, 1842. Comment: name attributed to Schoch (1894) by A. B. T. Smith (2006: 182).

**Subtribe LEUCOCELINA Kraatz, 1882**

LEUCOCELIDEN Kraatz, 1882b: 65 [stem: *Leucocel-*]. Type genus: *Leucocelis* H. C. C. Burmeister, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Schoch (1894: 213, as LEUCOCELIDAE), generally accepted as in A. B. T. Smith (2006: 182, as LEUCOCELINA); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Leucocelid-*).

**Tribe CREMASTOCHEILINI Burmeister and Schaum, 1841**

CREMASTOCHILIDAE H. C. C. Burmeister and Schaum, 1841: 243 [stem: *Cremastocheil-*]. Type genus: *Cremastocheilus* Knoch, 1801. Comment: usage of this name conserved over MACROMINI H. C. C. Burmeister and Schaum, 1840 (Art. 35.5).

**Subtribe ASPILINA Krikken, 1984**

ASPILINA Krikken, 1984: 25, in key [stem: *Aspil-*]. Type genus: *Aspilus* Westwood in Schaum, 1848.

**Subtribe COENOCHILINA Burmeister, 1842**

COENOCHILIDAE H. C. C. Burmeister, 1842: 148 [stem: *Coenochil-*]. Type genus: *Coenochilus* Schaum, 1841.

**Subtribe CREMASTOCHEILINA Burmeister and Schaum, 1841**

CREMASTOCHILIDAE H. C. C. Burmeister and Schaum, 1841: 243 [stem: *Cremastocheil-*]. Type genus: *Cremastocheilus* Knoch, 1801. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe CYMOPHORINA Krikken, 1984**

CYMOPHORINA Krikken, 1984: 23, in key [stem: *Cymophor-*]. Type genus: *Cymophorus* Kirby, 1827.

**Subtribe GENUCHINA Krikken, 1984**

GENUCHINA Krikken, 1984: 21, in key [stem: *Genuch-*]. Type genus: *Genuchus* Kirby, 1825.

**Subtribe GOLIATHOPSIDINA Krikken, 1984**

GOLIATHOPSIDINA Krikken, 1984: 25, in key [stem: *Goliathopsid-*]. Type genus: *Goliathopsis* Janson, 1881. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Goliathopse-*).

**Subtribe HETEROGENIINA Krikken, 1984**

HETEROGENIINA Krikken, 1984: 25, in key [stem: *Heterogeni-*]. Type genus: *Heterogenius* Moser, 1911.

**Subtribe LISSOGENIINA Krikken, 1984**

LISSOGENIINA Krikken, 1984: 25, in key [stem: *Lissogeni-*]. Type genus: *Lissogenius* Schaum, 1845.

**Subtribe MACROMINA Burmeister and Schaum, 1840**

MACROMINAE H. C. C. Burmeister and Schaum, 1840: 360 [stem: *Macrom-*]. Type genus: *Macroma* Gory and Percheron, 1833 [syn. of *Campsiura* Hope, 1831]. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Macromat-*).

**Subtribe NYASSININA Krikken, 1984**

NYASSININA Krikken, 1984: 25, in key [stem: *Nyassin-*]. Type genus: *Nyassinus* Westwood, 1879.

**Subtribe OPLOSTOMINA Krikken, 1984**

OPLOSTOMINA Krikken, 1984: 23, in key [stem: *Oplostom-*]. Type genus: *Oplostomus* W. S. MacLeay, 1838.

**Subtribe PILINURGINA Krikken, 1984**

PILINURGINA Krikken, 1984: 25, in key [stem: *Pilinurg-*]. Type genus: *Pilinurgus* H. C. C. Burmeister, 1842.

**Subtribe SPILOPHORINA Krikken, 1984**

SPILOPHORINA Krikken, 1984: 25, in key [stem: *Spilophor-*]. Type genus: *Spilophorus* Westwood in Schaum, 1848. Comment: this family-group name is a junior homonym of SPILOPHORINI Chapuis, 1875 (type genus *Spilophora* Boheman, 1850) currently used as valid in CHRYSOMELIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

**Subtribe TELOCHILINA Krikken, 1984**

TELOCHILINA Krikken, 1984: 21, in key [stem: *Telochil-*]. Type genus: *Telochilus* Krikken, 1975.

**Subtribe TRICHOPLINA Krikken, 1984**

TRICHOPLINA Krikken, 1984: 23, in key [stem: *Trichopl-*]. Type genus: *Trichoplus* H. C. C. Burmeister, 1842.

**Subtribe TROGODINA Krikken, 1984**

TROGODINA Krikken, 1984: 27, in key [stem: *Trogod-*]. Type genus: *Trogodes* Westwood, 1874.

**Tribe DIPLOGNATHINI Burmeister, 1842**

DIPLOGNATHIDAE H. C. C. Burmeister, 1842: 617 [stem: *Diplognath-*]. Type genus: *Diplognatha* Gory and Percheron, 1833.

PORPHYRONOTII Péringuey, 1907: 371 [stem: *Porphyronot-*]. Type genus: *Porphyronota* H. C. C. Burmeister, 1842.

**Tribe GOLIATHINI Latreille, 1829**

GOLIATHIDES Latreille, 1829a: 571 [stem: *Goliath-*]. Type genus: *Goliathus* Lamarck, 1801. Comment: name attributed to Griffith and Pidgeon (1832: 492) in A. B. T. Smith (2006: 181).

**Subtribe CORYPHOCERINA Burmeister, 1842**

CORYPHOCERIDAE H. C. C. Burmeister, 1842: 215 [stem: *Coryphocer*-]. Type genus: *Coryphocera* H. C. C. Burmeister, 1842.

HETERORRHINIDAE Kraatz, 1880a: 21 [stem: *Heterorhin*-]. Type genus: *Heterorhina* Westwood, 1842 [as *Heterorrhina*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

CERATORRHINIDAE Kraatz, 1880a: 18 [stem: *Ceratorhin*-]. Type genus: *Ceratorhina* Westwood, 1843 [as *Ceratorrhina*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

BOTHRORRHINAE Schoch, 1894: 173 [stem: *Bothrorrhin*-]. Type genus: *Bothrorrhina* H. C. C. Burmeister, 1842.

GNATHOCERIDAE Schoch, 1894: 170 [stem: *Gnathocer*-]. Type genus: *Gnathocera* Kirby, 1825.

ISCHNOSCELI Schoch, 1894: 170 [stem: *Ischnoscelid*-]. Type genus: *Ischnoscelis* H. C. C. Burmeister, 1842. Comment: incorrect original stem formation, not in prevailing usage.

RHOMBORRHINAE Schoch, 1894: 171 [stem: *Rhomborhin*-]. Type genus: *Rhomborhina* Hope, 1837 [as *Rhomborrhina*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

TMESORRHINAE Schoch, 1894: 170 [stem: *Tmesorrhin*-]. Type genus: *Tmesorhina* Westwood, 1842.

COELORRHINAE Schoch, 1895: iii [stem: *Coelorrhin*-]. Type genus: *Coelorrhina* Hope, 1841 [*Coelorrhina* is an incorrect subsequent spelling for *Caelorrhina* in prevailing usage, and so deemed to be the correct original spelling (Article 33.3.1) (see A. B. T. Smith 2006: 181)].

MECYNORRHININA Schenkling, 1921: 15 [stem: *Mecynorhin*-]. Type genus: *Mecynorhina* Hope, 1837 [as *Mecynorrhina*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

STEPHANORRHININA Schenkling, 1921: 35 [stem: *Stephanorrhin*-]. Type genus: *Stephanorrhina* H. C. C. Burmeister, 1842.

**Subtribe DICRONOCEPHALINA Krikken, 1984**

DICRONOCEPHALINA Krikken, 1984: 37, in key [stem: *Dicronocephal*-]. Type genus: *Dicronocephalus* Hope, 1831 [*Dicronocephalus* is an incorrect subsequent spelling for *Dicranocephalus*, since the incorrect subsequent spelling is in prevailing usage, it is now considered the correct original spelling of the name under Article 33.3.1; the original spelling placed the name in homonymy with *Dicranocephalus* Hahn, 1826 (Hemiptera) but usage of the

subsequent spelling as the correct spelling avoids this homonymy problem (see A. B. T. Smith 2006)].

### **Subtribe GOLIATHINA Latreille, 1829**

GOLIATHIDES Latreille, 1829a: 571 [stem: *Goliath-*]. Type genus: *Goliathus* Lamarck, 1801. Comment: name attributed to Griffith and Pidgeon (1832) in A. B. T. Smith (2006: 181).

HYPSELOGENIAE Schoch, 1894: 169 [stem: *Hypselogeni-*]. Type genus: *Hypselogenia* H. C. C. Burmeister, 1840.

### **Subtribe ICHNESTOMATINA Burmeister, 1842**

ISCHNOSTOMIDAE H. C. C. Burmeister, 1842: 600 [stem: *Ichnestomat-*]. Type genus: *Ichnestoma* Gory and Percheron, 1833 [as *Ichnostoma*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe GYMNETINI Kirby, 1827**

GYMNETIDAE Kirby, 1827: 150 [stem: *Gymnet-*]. Type genus: *Gymnetis* W. S. MacLeay, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 1967a)].

### **Subtribe BLAESIINA Schoch, 1895**

BLAESIAE Schoch, 1895: iii [stem: *Blaesi-*]. Type genus: *Blaesia* H. C. C. Burmeister, 1842.

### **Subtribe GYMNETINA Kirby, 1827**

GYMNETIDAE Kirby, 1827: 150 [stem: *Gymnet-*]. Type genus: *Gymnetis* W. S. MacLeay, 1819. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Gymnetid-*).

CLINTERIIDAE Kraatz, 1882a: 49 [stem: *Clinteri-*]. Type genus: *Clinteria* H. C. C. Burmeister, 1842.

STETHODESMAE Schoch, 1894: 172 [stem: *Stethodesmat-*]. Type genus: *Stethodesma* Bainbridge, 1841. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe PHAEDIMINI Schoch, 1894**

PHAEDIMI Schoch, 1894: 169 [stem: *Phaedim-*]. Type genus: *Phaedimus* Westwood, 1841.

### **Tribe SCHIZORHININI Burmeister, 1842**

SCHIZORRHINIDAE H. C. C. Burmeister, 1842: 530 [stem: *Schizorhin-*]. Type genus: *Schizorhina* Kirby, 1825. Comment: First Reviser (LOMAPTERINI H. C. C. Burmeister, 1842 vs MACRONOTINI H. C. C. Burmeister, 1842 vs SCHIZ-



ORRHININI H. C. C. Burmeister, 1842) not determined, current usage maintained.

**Subtribe LOMAPTERINA Burmeister, 1842**

LOMAPTERIDAE H. C. C. Burmeister, 1842: 310 [stem: *Lomapter-*]. Type genus: *Lomaptera* Gory and Percheron, 1833. Comment: First Reviser (LOMAPTERINA H. C. C. Burmeister, 1842 vs MACRONOTINA H. C. C. Burmeister, 1842) not determined, current usage maintained.

MACRONOTIDAE H. C. C. Burmeister, 1842: 318 [stem: *Macronot-*]. Type genus: *Macronota* Hoffmannsegg, 1817.

**Subtribe SCHIZORRHININA Burmeister, 1842**

SCHIZORRHINIDAE H. C. C. Burmeister, 1842: 530 [stem: *Schizorhin-*]. Type genus: *Schizorhina* Kirby, 1825 [as *Schizorrhina*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

DIAPHONIADAE Kraatz, 1880b: 195 [stem: *Diaphoni-*]. Type genus: *Diaphonia* Newman, 1840.

EUPOECILIDAE Kraatz, 1880b: 188 [stem: *Eupoecil-*]. Type genus: *Eupoecila* H. C. C. Burmeister, 1842.

HEMIPHARIDAE Kraatz, 1880b: 182 [stem: *Hemiphar-*]. Type genus: *Hemipharis* H. C. C. Burmeister, 1842.

**Tribe STENOTARSIINI Kraatz, 1880**

STENOTARSIDEN Kraatz, 1880b: 182 [stem: *Stenotarsi-*]. Type genus: *Stenotarsia* H. C. C. Burmeister, 1842.

**Subtribe ANOCHILIINA Krikken, 1984**

\*ANOCHILIENS Pouillaude, 1917: 54 [stem: *Anochili-*]. Type genus: *Anochilia* H. C. C. Burmeister, 1842. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

ANOCHILIINA Krikken, 1984: 31, in key [stem: *Anochili-*]. Type genus: *Anochilia* H. C. C. Burmeister, 1842.

**Subtribe COPTOMIINA Schenkling, 1921**

COPTOMIINI Schenkling, 1921: 147 [stem: *Coptomi-*]. Type genus: *Coptomia* H. C. C. Burmeister, 1842.

**Subtribe CHROMOPTILIINA Krikken, 1984**

CHROMOPTILIINA Krikken, 1984: 31, in key [stem: *Chromoptili-*]. Type genus: *Chromoptilia* Westwood, 1842.

**Subtribe DORYSCELINA Schenkling, 1921**

\*DORYSCELIENS Pouillaude, 1917: 53, in key [stem: *Doryscel-*]. Type genus: *Doryscelis* Dejean, 1836. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

DORYSCELINA Schenkling, 1921: 148 [stem: *Doryscel-*]. Type genus: *Doryscelis* Dejean, 1836. Comment: name attributed to Krikken (1984) by A. B. T. Smith (2006: 180); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Doryscelid-*).

**Subtribe EUCHROEINA Paulian and Descarpentries, 1982**

\*EUCHROEENS Pouillaude, 1917: 64 [stem: *Euchroe-*]. Type genus: *Euchroea* H. C. C. Burmeister, 1842. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899; the author also used the incorrect spelling *Euchaeus* in the key on page 54.

EUCHROEINA Paulian and Descarpentries, 1982: 5 [stem: *Euchroe-*]. Type genus: *Euchroea* H. C. C. Burmeister, 1842. Comment: the name EUCHROEIDAE Dahlbom, 1854 (type genus *Euchroeus* Latreille, 1809) is available in Hymenoptera; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

**Subtribe HETEROPHANINA Schoch, 1894**

HETEROPHANAE Schoch, 1894: 173 [stem: *Heterophan-*]. Type genus: *Heterophana* H. C. C. Burmeister, 1842.

**Subtribe HETEROSOMATINA Krikken, 1984**

HETEROSOMATINA Krikken, 1984: 29, in key [stem: *Heterosomat-*]. Type genus: *Heterosoma* Schaum, 1845.

**Subtribe PANTOLIINA Krikken, 1984**

\*PANTOLIENS Pouillaude, 1917: 54 [stem: *Pantoli-*]. Type genus: *Pantolia* H. C. C. Burmeister, 1842. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

PANTOLIINA Krikken, 1984: 33, in key [stem: *Pantoli-*]. Type genus: *Pantolia* H. C. C. Burmeister, 1842.

**Subtribe PARACHILIINA Krikken, 1984**

PARACHILIINA Krikken, 1984: 33, in key [stem: *Parachili-*]. Type genus: *Parachilia* H. C. C. Burmeister, 1842.

**Subtribe STENOTARSIINA Kraatz, 1880**

STENOTARSIDEN Kraatz, 1880b: 182 [stem: *Stenotarsi-*]. Type genus: *Stenotarsia* H. C. C. Burmeister, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jakobson (1915: 961, as

STENOTARSINA [incorrect stem formation]), generally accepted as in A. B. T. Smith (2006: 179, as STENOTARSIINI); incorrect original stem formation, not in prevailing usage.

### **Tribe TAENIODERINI Mikšić, 1976**

TAENIODERINA Mikšić, 1976: 29 [stem: *Taenioder-*]. Type genus: *Taeniodera* H. C. C. Burmeister, 1842. Comment: First Reviser found (TAENIODERINI Mikšić, 1976 vs CHALCOTHEINI Mikšić, 1976) is Krikken (1984: 63).

### **Subtribe CHALCOTHEINA Mikšić, 1976**

CHALCOTHEINA Mikšić, 1976: 357 [stem: *Chalcothe-*]. Type genus: *Chalcothea* H. C. C. Burmeister, 1842.

### **Subtribe TAENIODERINA Mikšić, 1976**

TAENIODERINA Mikšić, 1976: 29 [stem: *Taenioder-*]. Type genus: *Taeniodera* H. C. C. Burmeister, 1842.

### **Tribe TRICHIINI Fleming, 1821**

TRICHIADAE Fleming, 1821: 50 [stem: *Trichi-*]. Type genus: *Trichius* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 2004c)]. Comment: TRICHIINAE Lozek, 1956 (type genus *Trichia* Hartmann, 1840) proposed in Mollusca: Gastropoda is a junior homonym of this family-group name; TRICHIINAE Lozek, 1956 was recently placed on the Official index of Rejected and Invalid Family-Group Names in Zoology (ICZN 2004c).

### **Subtribe CRYPTODONTINA Lacordaire, 1856**

CRYPTODONTIDES Lacordaire, 1856: 462 [stem: *Cryptodont-*]. Type genus: *Cryptodontes* H. C. C. Burmeister, 1847. Comment: published before 29 March 1856; original vernacular name available (Art. 11.7.2): first used in latinized form by Imhoff (1856 [before 25 December]: xii, as CRYPTODONTIDAE), generally accepted as in A. B. T. Smith (2006: 177, as CRYPTODONTINA); the name CRYPTODONTIDAE Dall, 1895 (type genus *Cryptodon* Turton, 1822) is available in Mollusca: Bivalvia while the name CRYPTODONTIDAE Owen, 1860 used in Therapsida is unavailable because it is not based on an available genus-group name; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

### **Subtribe INCINA Burmeister, 1842**

INCADAE H. C. C. Burmeister, 1842: 704 [stem: *Inc-*]. Type genus: *Inca* Lepeletier and Audinet-Serville, 1828.

**Subtribe OSMODERMATINA Schenkling, 1922**

OSMODERMINI Schenkling, 1922: 3 [stem: *Osmodermat-*]. Type genus: *Osmoderma* Lepeletier and Audinet-Serville, 1828 [placed on the Official List of Generic Names in Zoology (ICZN 2007)]. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe PLATYGENIINA Krikken, 1984**

PLATYGENIINI Krikken, 1984: 18, in key [stem: *Platygeni-*]. Type genus: *Platygenia* W. S. MacLeay, 1819.

**Subtribe TRICHIINA Fleming, 1821**

\*TRICHIDES Baudet-Lafarge, 1809: 34 [stem: *Trichi-*]. Type genus: *Trichius* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 2004c)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Baudet-Lafarge (1809); incorrect original stem formation, not in prevailing usage.

TRICHIADAE Fleming, 1821: 50 [stem: *Trichi-*]. Type genus: *Trichius* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 2004c)].

PANISCIDAE Gistel, 1848: [5] [stem: *Panisc-*]. Type genus: *Paniscus* Gistel, 1848 [preoccupied genus name, not *Paniscus* Schrank, 1802 [Hymenoptera]; Gistel (1848: [5]) originally included *Scarabaeus fasciatus* Linnaeus, 1758 and *Trichius zonatus* Germar, 1831 in his genus *Paniscus*, we hereby select *Scarabaeus fasciatus* Linnaeus, 1758 as the type species of *Paniscus* Gistel, 1848; **syn. nov.** of *Trichius* Fabricius, 1775]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ELPIDIDES Péringuey, 1907: 314 [stem: *Elpid-*]. Type genus: *Elpidus* Péringuey, 1907.

MYODERMINI Péringuey, 1907: 313 [stem: *Myoderm-*]. Type genus: *Myoderium* H. C. C. Burmeister and Schaum, 1840.

**Tribe VALGINI Mulsant, 1842**

VALGUAIRES Mulsant, 1842: 519 [stem: *Valg-*]. Type genus: *Valgus* Scriba, 1790.

**Subtribe MICROVALGINA Kolbe, 1904**

MICROVALGINAE Kolbe, 1904: 10 [stem: *Microvalg-*]. Type genus: *Microvalgus* Kraatz, 1883.

**Subtribe VALGINA Mulsant, 1842**

VALGUAIRES Mulsant, 1842: 519 [stem: *Valg-*]. Type genus: *Valgus* Scriba, 1790. Comment: published before 6 August 1842; original vernacular

name available (Art. 11.7.2): used in latinized form by several authors, generally accepted as in A. B. T. Smith (2006: 177, as VALGINI); this family-group name was also used in the same year by Burmeister (1842 [before 28 December]: 718, as VALGIDAE); incorrect original stem formation, not in prevailing usage.

ACANTHOVALGINAE Kolbe, 1904: 11 [stem: *Acanthovalg-*]. Type genus: *Acanthovalgus* Kraatz, 1895.

COSMOVALGINAE Kolbe, 1904: 11 [stem: *Cosmovalg-*]. Type genus: *Cosmovalgus* Kolbe, 1897.

DASYVALGINAE Kolbe, 1904: 11 [stem: *Dasyvalg-*]. Type genus: *Dasyvalgus* Kolbe, 1904.

ISCHNOVALGINAE Kolbe, 1904: 9 [stem: *Ischnovalg-*]. Type genus: *Ischnovalgus* Kolbe, 1897.

SPHINCTOVALGINAE Kolbe, 1904: 9 [stem: *Sphinctovalg-*]. Type genus: *Sphinctovalgus* Kolbe, 1904.

### **Tribe XIPHOSCELIDINI Burmeister, 1842**

XIPHOSCELIDAE H. C. C. Burmeister, 1842: 613 [stem: *Xiphoscelid-*]. Type genus: *Xiphoscelis* H. C. C. Burmeister, 1842. Comment: incorrect original stem formation, not in prevailing usage.

### **†Family COPRINISPHAERIDAE Genise, 2004**

COPRINISPHAERIDAE Genise, 2004: 426 [stem: *Coprinisphaer-*]. Type genus: *Coprinisphaera* Sauer, 1955 [placed on the Official List of Generic Names in Zoology and given precedence over *Fontanai* Roselli, 1939 (ICZN 2008b)]. Comment: ichnotaxon based on dung beetle burrows.

### **†Family PALLICHNIDAE Genise, 2004**

PALLICHNIDAE Genise, 2004: 432 [stem: *Pallichn-*]. Type genus: *Pallichnus* Retallack, 1984. Comment: ichnotaxon based on dung beetle burrows.

## **Series ELATERIFORMIA**

### **Superfamily SCIRTOIDEA Fleming, 1821**

SCIRTESIDAE Fleming, 1821: 50 [stem: *Scirt-*]. Type genus: *Scirtes* Illiger, 1807. Comment: as pointed out by Lawrence and Newton (1995: 838) the name SCIRTOIDEA Fleming, 1821 has priority over CLAMBOIDEA Fischer von Waldheim, 1821.

### **Family DECLINIIDAE Nikitsky, Lawrence, Kirejtshuk and Gratshev, 1994**

DECLINIIDAE Nikitsky et al., 1994: 7 [stem: *Declini-*]. Type genus: *Declinia* Nikitsky et al., 1994.

**Family EUCINETIDAE Lacordaire, 1857**

EUCINÉTIDES Lacordaire, 1857: 281 [stem: *Eucinet-*]. Type genus: *Eucinetus* Germar, 1818. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 181, as EUCINETINI), generally accepted as in Hansen (1996: 135, as EUCINETIDAE).

CRYPTOMERIDAE Broun, 1893: 1358 [stem: *Cryptomer-*]. Type genus: *Cryptomera* Broun, 1893 [syn. of *Eucinetus* Germar, 1818].

**Family CLAMBIDAE Fischer von Waldheim, 1821**

CLAMBINI Fischer von Waldheim, 1821: 52 [stem: *Clamb-*]. Type genus: *Clambus* Fischer von Waldheim, 1821.

**Subfamily CALYPTOMERINAE Crowson, 1955**

CALYPTOMERIDAE Crowson, 1955: 11 [stem: *Calyptomer-*]. Type genus: *Calyptomerus* Redtenbacher, 1849.

**Subfamily ACALYPTOMERINAE Crowson, 1979**

ACALYPTOMERINAE Crowson, 1979: 612, in key [stem: *Acalyptomer-*]. Type genus: *Acalyptomerus* Crowson, 1979.

**Subfamily CLAMBINAE Fischer von Waldheim, 1821**

CLAMBINI Fischer von Waldheim, 1821: 52 [stem: *Clamb-*]. Type genus: *Clambus* Fischer von Waldheim, 1821.

**Family SCIRTIDAE Fleming, 1821**

SCIRTESIDAE Fleming, 1821: 50 [stem: *Scirt-*]. Type genus: *Scirtes* Illiger, 1807.

†SINODRYOPITIDAE Hong, 2002: 107 [stem: *Sinodryopit-*]. Type genus: *Sinodryopites* Hong, 2002. Comment: originally described in BYRRHOIDEA; synonymy with SCIRTIDAE by Kirejtshuk and Azar (2008: 29).

**Subfamily SCIRTINAE Fleming, 1821**

SCIRTESIDAE Fleming, 1821: 50 [stem: *Scirt-*]. Type genus: *Scirtes* Illiger, 1807.

Comment: incorrect original stem formation, not in prevailing usage.

CYPHONIDAE Stephens, 1829a: 11 [stem: *Cyphon-*]. Type genus: *Cyphon* Paykull, 1799.

ELODIIDAE Shuckard, 1839b: 41 [stem: *Elod-*]. Type genus: *Elodes* Latreille, 1797.

Comment: incorrect original stem formation, not in prevailing usage.

ATOPIDINI Pic, 1914: 16 [stem: *Atopid-*]. Type genus: *Atopida* A. White, 1846.

**Subfamily NIPPONOCYPHONINAE Lawrence and Yoshitomi, 2007**

NIPPONOCYPHONINAE Lawrence and Yoshitomi, 2007: 522 [stem: *Nipponocyphon-*]. Type genus: *Nipponocyphon* Lawrence and Yoshitomi, 2007.



**Subfamily STENOCYPHONINAE Lawrence and Yoshitomi, 2007**

STENOCYPHONINAE Lawrence and Yoshitomi, 2007: 522 [stem: *Stenocyphon*]. Type genus: *Stenocyphon* Lawrence, 2001.

**†Family ELODOPHTHALMIDAE Kirejtshuk and Azar, 2008**

ELODOPHTHALMIDAE Kirejtshuk and Azar, 2008: 24 [stem: *Elodophthalm*]. Type genus: *Elodophthalmus* Kirejtshuk and Azar, 2008.

**†Family MESOCINETIDAE Kirejtshuk and Ponomarenko, 2010**

MESOCINETIDAE Kirejtshuk and Ponomarenko, 2010: 304 [stem: *Mesocinet*]. Type genus: *Mesocinetus* Ponomarenko, 1986.

**Superfamily DASCILLOIDEA Guérin-Méneville, 1843 (1834)**

DASCILLIDAE Guérin-Méneville, 1843: 193 [stem: *Dascill*]. Type genus: *Dascillus* Latreille, 1797. Comment: usage of younger name conserved over ATOPOIDEA Laporte, 1834 (Art. 40.2); although RHIPICEROIDEA is also an older name for this superfamily, its use for a taxon including the families DASCILIDAE (including KARUMIINAE) and RHIPICERIDAE is likely to cause some confusion and we therefore continue to use DASCILLOIDEA as valid; the concept of RHIPICEROIDEA has varied among authors, Crowson (1953) used RHIPICEROIDEA for the families RHIPICERIDAE and CALLIRHIPIDAE, which are not now considered to form a monophyletic group, and DASCILLOIDEA for DASCILLIDAE plus those families now included in SCIRTOIDEA; the family group name SANDALIDAE (which is a junior synonym of RHIPICERIDAE) was used by Craighead (1921) and Böving and Craighead (1931) for RHIPICERIDAE in the strict sense, while Emden (1924, 1931, 1933) used the same name for a family which also included those genera now placed in CALLIRHIPIDAE; Crowson (1971, 1973b) proposed a reconstituted DASCILLOIDEA for DASCILLIDAE plus RHIPICERIDAE (sensu stricto) and excluded CALLIRHIPIDAE from RHIPICEROIDEA and placed it in another superfamily ARTEMATOPOIDEA (along with ARTEMATOPIDAE (now ARTEMATOPODIDAE) and BRACHYPSECTRIDAE); finally, the evidence for placing DASCILLIDAE and RHIPICERIDAE in the same superfamily is not convincing (especially when the larvae are taken into account) so it is quite possible that DASCILLOIDEA in the sense of Crowson (1971) may cease to exist when more evidence is presented.

**Family DASCILLIDAE Guérin-Méneville, 1843 (1834)**

DASCILLIDAE Guérin-Méneville, 1843: 193 [stem: *Dascill*]. Type genus: *Dascillus* Latreille, 1797.

**Subfamily DASCILLINAE Guérin-Méneville, 1843 (1834)**

DASCILLIDAE Guérin-Méneville, 1843: 193 [stem: *Dascill*]. Type genus: *Dascillus* Latreille, 1797.

**Tribe CINNABARIINI Pic, 1914**

CINNABARIINI Pic, 1914: 15 [stem: *Cinnabari-*]. Type genus: *Cinnabarium* Fairmaire, 1895 [syn. of *Coptocera* Murray, 1868].

**Tribe DASCILLINI Guérin-Méneville, 1843 (1834)**

ATOPITES Laporte, 1834a: 227 [stem: *Atop-*]. Type genus: *Atopa* Paykull, 1799 [syn. of *Dascillus* Latreille, 1797]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Laporte (1836: 21, as ATOPIDAE).

DASCILLIDAE Guérin-Méneville, 1843: 193 [stem: *Dascill-*]. Type genus: *Dascillus* Latreille, 1797. Comment: name proposed to replace ATOPIDAE Laporte, 1834 because of the synonymy of the type genus; usage of younger name conserved over ATOPINI Laporte, 1834 (Art. 40.2) (see Lawrence and Newton 1995).

**Subfamily KARUMIINAE Escalera, 1913**

KARUMINAE Escalera, 1913: 320 [stem: *Karumi-*]. Type genus: *Karumia* Escalera, 1913.

**Tribe EMMITINI Escalera, 1914**

EMMINAE Escalera, 1913: 318 [stem: *Emm-*]. Type genus: *Emma* Escalera, 1913 [preoccupied genus name, not *Emma* Gray, 1843 [Bryozoa]; syn. of *Emmita* Escalera, 1914]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

EMMITINAE Escalera, 1914a: 349 [stem: *Emmit-*]. Type genus: *Emmita* Escalera, 1914. Comment: replacement name for EMMINAE Escalera, 1913 because of the homonymy of the type genus.

**Tribe ESCALERININI Paulus, 1972**

ESCALERINI Paulus, 1972a: 49, in key [stem: *Escalerin-*]. Type genus: *Escalerina* Bolívar, 1926. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe GENECERINI Pic, 1914**

GENECERINI Pic, 1914: 16 [stem: *Genecer-*]. Type genus: *Genecerus* Walker, 1871.

**Tribe KARUMIINI Escalera, 1913**

KARUMINAE Escalera, 1913: 320 [stem: *Karumi-*]. Type genus: *Karumia* Escalera, 1913. Comment: incorrect original stem formation, not in prevailing usage.

ZARUDNIOLIDAE Semenov and Martynov, 1925: 74 [stem: *Zarudniol-*]. Type genus: *Zarudniola* Semenov and Martynov, 1925 [syn. of *Karumia* Escalera, 1913].

**Family RHIPICERIDAE Latreille, 1834**

RHIPICERIDES Latreille, 1834: 167 [stem: *Rhipicer-*]. Type genus: *Rhipicera* Latreille, 1816. Comment: published in issue 1 of volume 3 of the Annales de la Société

Entomologique de France; this family-group name was also used in the same year by Laporte (1834a: 226, as RHIPICÉRITES) in issue 2 of volume 3 of the same journal. SANDALIDAE Jakobson, 1913: 729 [stem: *Sandal-*]. Type genus: *Sandalus* Knoch, 1801.

### **Superfamily BUPRESTOIDEA Leach, 1815**

BUPRESTIDES Leach, 1815: 85 [stem: *Buprest-*]. Type genus: *Buprestis* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1994e)].

### **Family SCHIZOPODIDAE LeConte, 1859**

SCHIZOPODIDAE J. L. LeConte, 1859b: 122 [stem: *Schizopod-*]. Type genus: *Schizopus* J. L. LeConte, 1858 [placed on the Official List of Generic Names in Zoology (ICZN 1993d)].

### **Subfamily SCHIZOPODINAE LeConte, 1859**

SCHIZOPODIDAE J. L. LeConte, 1859b: 122 [stem: *Schizopod-*]. Type genus: *Schizopus* J. L. LeConte, 1858 [placed on the Official List of Generic Names in Zoology (ICZN 1993d)].

### **Tribe DYSTAXIINI Théry, 1929**

DYSTAXINI Théry, 1929: 60 [stem: *Dystaxi-*]. Type genus: *Dystaxia* J. L. LeConte, 1866. Comment: incorrect original stem formation, not in prevailing usage.  
GLYPTOSCELMORPHINI Cobos, 1963: 354 [stem: *Glyptoscelimorph-*]. Type genus: *Glyptoscelimorpha* G. H. Horn, 1893.

### **†Tribe ELECTRAPATINI Iablokoff-Khnzorian, 1962**

ELECTRAPATIDAE Iablokoff-Khnzorian, 1962: 87 [stem: *Electrapat-*]. Type genus: *Electrapate* Iablokoff-Khnzorian, 1962.

### **Tribe SCHIZOPODINI LeConte, 1859**

SCHIZOPODIDAE J. L. LeConte, 1859b: 122 [stem: *Schizopod-*]. Type genus: *Schizopus* J. L. LeConte, 1858 [*Schizopus* J. L. LeConte, 1858 has precedence over *Schizopus* Claparède et Lachman, 1858 and was placed on the Official List of Generic Names in Zoology (ICZN 1993d)].

### **Family BUPRESTIDAE Leach, 1815**

BUPRESTIDES Leach, 1815: 85 [stem: *Buprest-*]. Type genus: *Buprestis* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1994e)].

### **Subfamily JULODINAE Lacordaire, 1857**

JULODIDES Lacordaire, 1857: 10 [stem: *Julod-*]. Type genus: *Julodis* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized

form by J. L. LeConte (1861: 154, as JULODINI), generally accepted as in Bellamy (2008a: 23, as JULODINAE).

STERNOCERINI Csiki, 1904: 132 [stem: *Sternocer-*]. Type genus: *Sternocera* Eschscholtz, 1829.

AMBLYSTERNINI Cobos, 1955: 22, in key [stem: *Amblystern-*]. Type genus: *Amblysterna* Saunders, 1871.

### **Subfamily POLYCESTINAE Lacordaire, 1857**

POLYCESTIDES Lacordaire, 1857: 61 [stem: *Polycest-*]. Type genus: *Polycesta* Dejean, 1833.

### **Tribe ACMAEODERINI Kerremans, 1893**

ACMAEODERINI Kerremans, 1893: 112 [stem: *Acmaeoder-*]. Type genus: *Acmaeodera* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 2005b)].

#### **Subtribe ACMAEODERINA Kerremans, 1893**

ACMAEODERINI Kerremans, 1893: 112 [stem: *Acmaeoder-*]. Type genus: *Acmaeodera* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 2005b)].

#### **Subtribe ACMAEODEROIDINA Cobos, 1955**

ACMAEODEROIDINI Cobos, 1955: 15 [stem: *Acmaeoderoid-*]. Type genus: *Acmaeoderoides* Van Dyke, 1942.

#### **Subtribe NOTHOMORPHINA Cobos, 1955**

NOTOMORPHINI Cobos, 1955: 17 [stem: *Nothomorph-*]. Type genus: *Nothomorpha* Saunders, 1871 [as *Notomorpha*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: Cobos (1955: 23) also used the spelling NOTHOMORPHINI in his original paper, this is considered a misspelling since he listed the type genus name as *Notomorpha*; incorrect original stem formation, not in prevailing usage.

#### **ACMAEODERINI *incertae sedis***

\*ODETTEINA Volkovitsh, 2001: 52, 91 [stem: *Odette-*]. Type genus: *Odettea* Baudon, 1966. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### **Tribe ASTRAEINI Cobos, 1980**

ASTRAEUSINI Cobos, 1980: 28 [stem: *Astrae-*]. Type genus: *Astraeus* Laporte and Gory, 1838 [placed on the Official List of Generic Names in Zoology (ICZN 1966)]. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe BULINI Bellamy, 1995**

BULISINA Bellamy, 1995: 173 [stem: *Bul-*]. Type genus: *Bulis* Laporte and Gory, 1838. Comment: incorrect original stem formation, not in prevailing usage; stem correction by Bellamy (1996: 222).

**Tribe HAPLOSTETHINI LeConte, 1861**

HAPLOSTETHINI J. L. LeConte, 1861: 155 [stem: *Haplosteth-*]. Type genus: *Haplostethus* J. L. LeConte, 1860.

MASTOGENINI J. L. LeConte and G. H. Horn, 1883: 199 [stem: *Mastogeni-*]. Type genus: *Mastogenius* Solier, 1849. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe PARATRACHEINI Cobos, 1980**

PARATRACHYSAE Cobos, 1980: 47 [stem: *Paratrache-*]. Type genus: *Paratrachys* Saunders, 1873. Comment: here we adopt the stem *Paratrache-* since the correct stem for the genus *Trachys*, with the same ending, was recently determined to be *Trache-* (ICZN 2009a).

**Tribe PERUCOLINI Cobos, 1980**

PERUCOLINI Cobos, 1980: 81 [stem: *Perucol-*]. Type genus: *Perucola* Théry, 1925.

**Tribe POLYCESTINI Lacordaire, 1857**

POLYCESTIDES Lacordaire, 1857: 61 [stem: *Polycest-*]. Type genus: *Polycesta* Dejean, 1833.

**Subtribe POLYCESTINA Lacordaire, 1857**

POLYCESTIDES Lacordaire, 1857: 61 [stem: *Polycest-*]. Type genus: *Polycesta* Dejean, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Stein (1868: 62, as POLYCESTINI), generally accepted as in Bellamy (2008a: 23, as POLYCESTINI).

**Subtribe XENOPSEINA Volkovitsh, 2008**

XENOPSINA Volkovitsh, 2008: 628 [stem: *Xenopse-*]. Type genus: *Xenopsis* Saunders, 1867. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe POLYCTESINI Cobos, 1955**

POLYCTESINI Cobos, 1955: 6 [stem: *Polyctes-*]. Type genus: *Polyctesis* Marseul, 1865. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Polyctese-*).

**Tribe PROSPHERINI Cobos, 1980**

PROSPHERESINI Cobos, 1980: 84 [stem: *Prospher-*]. Type genus: *Prospheres* Saunders, 1868. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe PTOSIMINI Kerremans, 1903**

PTOSIMITES Kerremans, 1903: 37 [stem: *Ptosim-*]. Type genus: *Ptosima* Dejean, 1833.

**Tribe THRINCOPYGINI LeConte, 1861**

THRINCOPYGINI J. L. LeConte, 1861: 154 [stem: *Thrincopyg-*]. Type genus: *Thrincopyge* J. L. LeConte, 1858.

**Tribe TYNDARIDINI Cobos, 1955**

TYNDARINI Cobos, 1955: 11 [stem: *Tyndarid-*]. Type genus: *Tyndaris* J. Thomson, 1857.

**Subtribe MIMICOCLYTRININA Bellamy, 2003**

ACHERUSINI Cobos, 1955: 24, in key [stem: *Acherusi-*]. Type genus: *Acherusia* Laporte and Gory, 1838 [preoccupied genus name, not *Acherusia* Costa, 1834 [Crustacea]; syn. of *Mimicoclytrina* Bellamy, 2003]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

MIMICOCLYTRININA Bellamy, 2003: 25 [stem: *Mimicoclytrin-*]. Type genus: *Mimicoclytrina* Bellamy, 2003. Comment: replacement name for ACHERUSIINA Cobos, 1955 because of the homonymy of the type genus.

**Subtribe PSEUDACHERUSIINA Cobos, 1980**

PSEUDOACHERUSINI Cobos, 1980: 78 [stem: *Pseudacherusi-*]. Type genus: *Pseudacherusia* Kerremans, 1905. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe TYLAUCHENIINA Cobos, 1959**

TYLACHENIAE Cobos, 1959: 4 [stem: *Tylaucheni-*]. Type genus: *Tylauchenia* H. C. C. Burmeister, 1872 [syn. of *Ocypetes* Saunders, 1871]. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe TYNDARIDINA Cobos, 1955**

TYNDARINI Cobos, 1955: 11 [stem: *Tyndarid-*]. Type genus: *Tyndaris* J. Thomson, 1857. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe XYROSCOLIDINI Cobos, 1955**

XIROSCELINI Cobos, 1955: 19 [stem: *Xyroscolid-*]. Type genus: *Xyroscelis* Saunders, 1868 [as *Xiroscelis*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

**Subfamily GALBELLINAE Reitter, 1911**

GALBELLINAE Reitter, 1911: 178 [stem: *Galbell-*]. Type genus: *Galbella* Westwood, 1848.



**Subfamily CHRYSOCHROINAE Laporte, 1835**

CHRYSOCHROIDAE Laporte, 1835b: 158 [stem: *Chrysochro-*]. Type genus: *Chrysochroa* Dejean, 1833.

**Tribe CHRYSOCHROINI Laporte, 1835**

CHRYSOCHROIDAE Laporte, 1835b: 158 [stem: *Chrysochro-*]. Type genus: *Chrysochroa* Dejean, 1833.

**Subtribe CHALCOPHORINA Lacordaire, 1857 (1848)**

ANAGLYPTISIDAE Gistel, 1848: [5] [stem: *Anaglypt-*]. Type genus: *Anaglyptes* Gistel, 1848 [syn. of *Chalcophora* Dejean, 1833]. Comment: senior homonym of ANAGLYPTINI Lacordaire, 1868 (type genus *Anaglyptus* Mulsant, 1839) in CERAMBYCIDAE; incorrect original stem formation, not in prevailing usage; the younger name CHALCOPHORINA Lacordaire, 1857 is conserved over this name (Art. 40.2).

CHALCOPHORIDES Lacordaire, 1857: 14 [stem: *Chalcophor-*]. Type genus: *Chalcophora* Dejean, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 151, as CHALCOPHORAE), generally accepted as in Bellamy (2008a: 23, as CHALCOPHORINA); name conserved over the older name ANAGLYPTINA Gistel, 1848 (Art. 40.2).

\*CHRYSODEMIDES H. Deyrolle, 1865: 11 [stem: *Chrysodem-*]. Type genus: *Chrysodema* Laporte and Gory, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 2004b)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to H. Deyrolle (1865).

CHRYSODÉMIDES Kerremans, 1892: 49 [stem: *Chrysodem-*]. Type genus: *Chrysodema* Laporte and Gory, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 2004b)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Skinner (1892: 124, as CHRYSODEMIDAE).

CHALCOPHORELLINI Tôyama, 1986: 189 [stem: *Chalcophorell-*]. Type genus: *Chalcophorella* Kerremans, 1903.

IRIDOTAENINI Tôyama, 1987: 5 [stem: *Iridotaeni-*]. Type genus: *Iridotaenia* Deyrolle, 1864 [placed on the Official List of Generic Names in Zoology (ICZN 2004b)]. Comment: incorrect original stem formation, not in prevailing usage.

LAMPROPEPLINA Holyński, 1993: 22 [stem: *Lampropepl-*]. Type genus: *Lampropepla* Fairmaire, 1904 [syn. of *Madecassia* Kerremans, 1903].

**Subtribe CHRYSOCHROINA Laporte, 1835**

CHRYSOCHROIDAE Laporte, 1835b: 158 [stem: *Chrysochro-*]. Type genus: *Chrysochroa* Dejean, 1833.

CATOXANTHINA Jakobson, 1913: 772 [stem: *Catoxanth-*]. Type genus: *Catoxantha* Solier, 1833.

### Subtribe EUCALLOPISTINA Bellamy, 2003

CALLOPISTINA Kurosawa, 1990: 63 [stem: *Callopest-*]. Type genus: *Callopestus* Deyrolle, 1864 [preoccupied genus name, not *Callopestus* Say, 1831 [Coleoptera: CURCULIONIDAE]; syn. of *Eucallopistus* Bellamy, 2003]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

EUCALLOPISTINA Bellamy, 2003: 31 [stem: *Eucallopist-*]. Type genus: *Eucallopistus* Bellamy, 2003. Comment: replacement name for CALLOPISTINA Kurosawa, 1990 because of the homonymy of the type genus.

### Tribe DICERCINI Gistel, 1848

DICERCAEIDAE Gistel, 1848: [5] [stem: *Dicerc-*]. Type genus: *Dicerca* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1994e)]. Comment: First Reviser found (DICERCINI Gistel, 1848 vs POLYBOTHIRISINI Gistel, 1848) is Bellamy (2008b: 819).

### Subtribe DICERCINA Gistel, 1848

DICERCAEIDAE Gistel, 1848: [5] [stem: *Dicerc-*]. Type genus: *Dicerca* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1994e)]. Comment: incorrect original stem formation, not in prevailing usage.

POLYBOTHIRISIDAE Gistel, 1848: [5] [stem: *Polybothrid-*]. Type genus: *Polybothris* Spinola, 1837. Comment: incorrect original stem formation, not in prevailing usage.

PSILOPTÉRIDES Lacordaire, 1857: 26 [stem: *Psilopter-*]. Type genus: *Psiloptera* Dejean, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1858: 72, as PSILOPTERITAE), generally accepted as in Bellamy (2002: 61, as PSILOPTERINI).

CAPNODINA Jakobson, 1913: 779 [stem: *Capnod-*]. Type genus: *Capnodis* Eschscholtz, 1829.

### Subtribe HAPLOTRINCHINA Holyński, 1993

HAPLOTRINCHINA Holyński, 1993: 27 [stem: *Haplotrinch-*]. Type genus: *Haplotrinchus* Kerremans, 1903.

### Subtribe HIPPOMELANINA Holyński, 1993

HIPPOMELANINA Holyński, 1993: 24 [stem: *Hippomelan-*]. Type genus: *Hippomelas* Gory and Laporte, 1837.

**Subtribe PSEUDOPEROTINA Tôyama, 1987**

PSEUDOPEROTINA Tôyama, 1987: 4 [stem: *Pseudoperot-*]. Type genus: *Pseudoperotis* Obenberger, 1936.

**Tribe EVIDINI Tôyama, 1987**

EVIDINI Tôyama, 1987: 6 [stem: *Evid-*]. Type genus: *Evides* Dejean, 1833.

**Tribe PARALEPTODEMINI Cobos, 1975**

PARALEPTODEMINI Cobos, 1975: 88 [stem: *Paraleptodem-*]. Type genus: *Paraleptodema* Obenberger, 1936 [syn. of *Cinyra* Laporte and Gory, 1837].

**Subtribe EUCHROMATINA Holyński, 1993**

EUCHROMATINA Holyński, 1993: 23 [stem: *Euchromat-*]. Type genus: *Euchroma* Dejean, 1833.

**Subtribe EUPLECTALECIINA Holyński, 1993**

EUPLECTALECIINA Holyński, 1993: 24 [stem: *Euplectaleci-*]. Type genus: *Euplectalecia* Obenberger, 1924.

**Subtribe HYPOPRASINA Holyński, 1993**

HYPOPRASINA Holyński, 1993: 23 [stem: *Hypopras-*]. Type genus: *Hypoprasis* Fairmaire and Germain, 1864. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Hypoprase-*).

**Subtribe PARALEPTODEMINA Cobos, 1975**

PARALEPTODEMINI Cobos, 1975: 88 [stem: *Paraleptodem-*]. Type genus: *Paraleptodema* Obenberger, 1936 [syn. of *Cinyra* Laporte and Gory, 1837].  
CINYRINI Cobos, 1979a: 226 [stem: *Cinyr-*]. Type genus: *Cinyra* Gory and Laporte, 1837.

**Subtribe PRISTIPTERINA Holyński, 1993**

PRISTIPTERINA Holyński, 1993: 23 [stem: *Pristipter-*]. Type genus: *Pristiptera* Dejean, 1833 [syn. of *Pelecopselaphus* Solier, 1833].

**Tribe PARATASSINI Bílý and Volkovitsh, 1996**

PARATASSINI Bílý and Volkovitsh, 1996: 329 [stem: *Paratass-*]. Type genus: *Paratassa* Marseul, 1882.

**Tribe POECILONOTINI Jakobson, 1913**

POECILONOTINA Jakobson, 1913: 773 [stem: *Poecilonot-*]. Type genus: *Poecilonota* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1996a)].

**Subtribe POECILONOTINA Jakobson, 1913**

POECILONOTINA Jakobson, 1913: 773 [stem: *Poecilonot-*]. Type genus: *Poecilonota* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1996a)].

**Subtribe NESOTRINCHINA Bílý, Kubáň and Volkovitsh, 2009**

NESOTRINCHINA Bílý et al., 2009: 750 [stem: *Nesotrinch-*]. Type genus: *Nesotrinchus* Obenberger, 1924.

**Tribe SPHENOPTERINI Lacordaire, 1857**

SPHÉNOPTÉRIDES Lacordaire, 1857: 68 [stem: *Sphenopter-*]. Type genus: *Sphenoptera* Dejean, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Stein (1868: 62, as SPHENOPTERINI), generally accepted as in Bellamy (2008a: 23, as SPHENOPTERINI).

**Tribe VADONAXIINI Descarpentries, 1970**

VADONAXIINI Descarpentries, 1970: 188 [stem: *Vadonaxi-*]. Type genus: *Vadonaxia* Descarpentries, 1970.

**Subfamily BUPRESTINAE Leach, 1815**

BUPRESTIDES Leach, 1815: 85 [stem: *Buprest-*]. Type genus: *Buprestis* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1994e)].

**Tribe ACTENODINI Gistel, 1848**

ACTENODEIDAE Gistel, 1848: [5] [stem: *Actenod-*]. Type genus: *Actenodes* Dejean, 1833 [placed on the Official List of Generic Names in Zoology (ICZN 2002b)]. Comment: name previously attributed to Kerremans (1890) in the literature; incorrect original stem formation, not in prevailing usage.

BELIONOTINA Jakobson, 1913: 793 [stem: *Belionot-*]. Type genus: *Belionota* Eschscholtz, 1829.

**Tribe ANTHAXIINI Gory and Laporte, 1839**

ANTHAXIDAE Gory and Laporte, 1839: unnumbered page [stem: *Anthaxi-*]. Type genus: *Anthaxia* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 2002c)]. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe BUBASTINI Obenberger, 1920**

BUBASTINI Obenberger, 1920: 89 [stem: *Bubast-*]. Type genus: *Bubastes* Laporte and Gory, 1838.

**Tribe BUPRESTINI Leach, 1815**

BUPRESTIDES Leach, 1815: 85 [stem: *Buprest-*]. Type genus: *Buprestis* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1994e)].

**Subtribe AGAEOCERINA Nelson, 1982**

AGAEOCERINI Nelson, 1982: 440 [stem: *Agaeocer-*]. Type genus: *Agaeocera* Saunders, 1871.

**Subtribe BUPRESTINA Leach, 1815**

BUPRESTIDES Leach, 1815: 85 [stem: *Buprest-*]. Type genus: *Buprestis* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1994e)]. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Buprestid-*).

ANCYLOCHIRINA Jakobson, 1913: 787 [stem: *Ancylochir-*]. Type genus: *Ancylochira* Eschscholtz, 1829 [subgenus of *Buprestis* Linnaeus, 1758].

**Subtribe LAMPROCHEILINA Holyński, 1993**

LAMPROCHEILINA Holyński, 1993: 13 [stem: *Lamprocheil-*]. Type genus: *Lamprocheila* Saunders, 1871.

**Subtribe TRACHYKELINA Holyński, 1988**

TRACHYKELINA Holyński, 1988: 51, in key [stem: *Trachykel-*]. Type genus: *Trachykele* Marseul, 1865.

**Tribe CHRYSOBOTHRINI Gory and Laporte, 1836**

CHRYSOBOTHRIDAE Gory and Laporte, 1836: [1] [stem: *Chrysobothr-*]. Type genus: *Chrysobothris* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1994e)]. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Chrysobothrid-*).

**Tribe COOMANIELLINI Bílý, 1974**

COOMANIELLINI Bílý, 1974: 41 [stem: *Coomaniell-*]. Type genus: *Coomaniella* Bourgoin, 1924.

**Tribe CURIDINI Holyński, 1988**

CURIDINA Holyński, 1988: 52, in key [stem: *Curid-*]. Type genus: *Curis* Gory and Laporte, 1837 [syn. of *Selagis* Dejean, 1836 (also see ICZN 2008c)]. Comment: First Reviser (CURIDINI Holyński, 1988 vs NEOCURIDINI Holyński, 1988) not determined, current usage maintained.

**Subtribe ANILARINA Bílý, 2000**

ANILARINI Bílý, 2000: 113 [stem: *Anilar-*]. Type genus: *Anilara* Saunders, 1868.

**Subtribe CURIDINA Holyński, 1988**

CURIDINA Holyński, 1988: 52, in key [stem: *Curid-*]. Type genus: *Curis* Gory and Laporte, 1837 [syn. of *Selagis* Dejean, 1836 (also see ICZN 2008c)].

**Subtribe NEOCURIDINA Holyński, 1988**

NEOCURIDINA Holyński, 1988: 52, in key [stem: *Neocurid-*]. Type genus: *Neocuris* Saunders, 1868.

**Tribe EPISTOMENTINI Levey, 1978**

EPISTOMENTINI Levey, 1978: 155 [stem: *Epistoment-*]. Type genus: *Epistomentis* Solier, 1849.

**Tribe EXAGISTINI Tôyama, 1987**

EXAGISTINI Tôyama, 1987: 2 [stem: *Exagist-*]. Type genus: *Exagistus* Deyrolle, 1864.

**Tribe JULODIMORPHINI Kerremans, 1903**

JULODIMORPHITES Kerremans, 1903: 16 [stem: *Julodimorph-*]. Type genus: *Julodimorpha* Harold, 1869.

**Tribe KISANTHOBIINI Richter, 1949**

KISANTHOBIINI Richter, 1949: 215 [stem: *Kisanthobi-*]. Type genus: *Kisanthobia* Marseul, 1865.

**Tribe MAORAXIINI Holyński, 1984**

MAORAXIINI Holyński, 1984: 106 [stem: *Maoraxi-*]. Type genus: *Maoraxia* Obenberger, 1937.

**Tribe MELANOPHILINI Bedel, 1921**

MELANOPHILINI Bedel, 1921: 171 [stem: *Melanophil-*]. Type genus: *Melanophila* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1996b)].

**Tribe MELOBASEINI Bílý, 2000**

MELOBASINI Bílý, 2000: 113 [stem: *Melobase-*]. Type genus: *Melobasis* Gory and Laporte, 1837. Comment: incorrect original stem formation, not in prevailing usage.



**Tribe MENDIZABALIINI Cobos, 1968**

MENDIZABALIINI Cobos, 1968: 19 [stem: *Mendizabali*-.]. Type genus: *Mendizabalia* Cobos, 1957.

**Tribe NASCIONINI Holyński, 1988**

NASCIONINA Holyński, 1988: 51, in key [stem: *Nascion*-.]. Type genus: *Nascio* Laporte and Gory, 1838 [placed on the Official List of Generic Names in Zoology (ICZN 2002b)].

**Tribe PHRIXIINI Cobos, 1975**

PHRIXIINI Cobos, 1975: 102 [stem: *Phrxi*-.]. Type genus: *Phrxi*a Deyrolle, 1864.

**Tribe PTEROBOTHRINI Volkovitsh, 2001**

PTEROBOTHRINI Volkovitsh, 2001: 86, 103 [stem: *Pterobothr*-.]. Type genus: *Pterobothris* Fairmaire and Germain, 1858. Comment: current spelling maintained (Art. 29.3.1.1): incorrect original stem formation in prevailing usage (should be *Pterobothrid*-).

**Tribe STIGMODERINI Lacordaire, 1857**

STIGMODÉRIDES Lacordaire, 1857: 52 [stem: *Stigmoder*-.]. Type genus: *Stigmodera* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Wallace (1860: 183, as STIGMODERIDAE), generally accepted as in Bellamy (2008a: 23, as STIGMODERINI).

**Tribe THOMASSETIINI Bellamy, 1987**

THOMASSETIINI Bellamy, 1987: 223 [stem: *Thomasseti*-.]. Type genus: *Thomassetia* Théry, 1928.

**Subtribe PHILANTHAXIINA Holyński, 1988**

PHILANTHAXIINA Holyński, 1988: 51, in key [stem: *Philanthaxi*-.]. Type genus: *Philanthaxia* Deyrolle, 1864.

**Subtribe THOMASSETIINA Bellamy, 1987**

THOMASSETIINI Bellamy, 1987: 223 [stem: *Thomasseti*-.]. Type genus: *Thomassetia* Théry, 1928.

**Tribe TRIGONOGENIINI Cobos, 1956**

TRIGONOGENIINI Cobos, 1956: 72 [stem: *Trigonogeni*-.]. Type genus: *Trigonogenium* Harold, 1869.

**Tribe XENORHIPIDINI Cobos, 1986**

XENORHIPINI Cobos, 1986: 136 [stem: *Xenorhipid*-.] Type genus: *Xenorhipis* J. L. LeConte, 1866. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe TRICHINORHIPIDINA Bellamy, 2006**

TRICHINORHIPIDINA Bellamy, 2006: 139 [stem: *Trichinorhipid*-.] Type genus: *Trichinorhipis* Barr, 1948.

**Subtribe XENORHIPIDINA Cobos, 1986**

XENORHIPINI Cobos, 1986: 136 [stem: *Xenorhipid*-.] Type genus: *Xenorhipis* J. L. LeConte, 1866. Comment: incorrect original stem formation, not in prevailing usage.

**BUPRESTINAE *incertae sedis***

†GLAPHYROPTERIDAE Pongrácz, 1935: 541 [stem: *Glaphyropter*-.] Type genus: *Glaphyroptera* Heer, 1852. Comment: the older name GLAPHYROPTERIDAE Brauer, 1852 is a collective name for most Neuroptera in the present sense and it is not based on a genus name (Ponomarenko 2009 pers. comm.).

**Subfamily AGRILINAE Laporte, 1835**

AGRILIDAE Laporte, 1835b: 165 [stem: *Agril*-.] Type genus: *Agrilus* Curtis, 1825. Comment: First Reviser (AGRILINAE Laporte, 1835 vs TRACHEINAE Laporte, 1835) not determined, current usage maintained.

**Tribe AGRILINI Laporte, 1835**

AGRILIDAE Laporte, 1835b: 165 [stem: *Agril*-.] Type genus: *Agrilus* Curtis, 1825.

**Subtribe AGRILINA Laporte, 1835**

AGRILIDAE Laporte, 1835b: 165 [stem: *Agril*-.] Type genus: *Agrilus* Curtis, 1825.

**Subtribe AMORPHOSTERNINA Cobos, 1974**

AMORPHOSTERNAE Cobos, 1974: 69 [stem: *Amorphostern*-.] Type genus: *Amorphosternus* Deyrolle, 1864.

**Subtribe AMYIINA Holyński, 1993**

AMYIINA Holyński, 1993: 14 [stem: *Amyi*-.] Type genus: *Amyia* Saunders, 1871.

**Subtribe RHAEBOSCELIDINA Cobos, 1976**

\*RHAEBOSCELINI Böving and Craighead, 1931: 77 [stem: *Rhaeboscelid*-.] Type genus: *Rhaeboscelis* Chevrolat, 1838. Comment: unavailable family-group

name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

RHAEBOSCELIDI Cobos, 1976: 20 [stem: *Rhaeboscelid*–]. Type genus: *Rhaeboscelis* Chevrolat, 1838.

### **Tribe APHANISTICINI Jacquelin du Val, 1859**

APHANISTICITES Jacquelin du Val, 1859: 104 [stem: *Aphanistic*–]. Type genus: *Aphanisticus* Latreille, 1810.

### **Subtribe ANTHAXOMORPHINA Holyński, 1993**

ANTHAXOMORPHINA Holyński, 1993: 32 [stem: *Anthaxomorph*–]. Type genus: *Anthaxomorphus* Deyrolle, 1864.

### **Subtribe APHANISTICINA Jacquelin du Val, 1859**

APHANISTICITES Jacquelin du Val, 1859: 104 [stem: *Aphanistic*–]. Type genus: *Aphanisticus* Latreille, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Acloque (1896: 280, as APHANISTICII), generally accepted as in Hansen (1996: 137, as APHANISTICINI).

### **Subtribe CYLINDROMORPHINA Portevin, 1931**

CYLINDROMORPHINI Portevin, 1931: 335 [stem: *Cylindromorph*–]. Type genus: *Cylindromorphus* Kiesenwetter, 1857.

### **Subtribe CYLINDROMORPHOIDINA Cobos, 1979**

CYLINDROMORPHOIDINI Cobos, 1979b: 420, in key [stem: *Cylindromorphoid*–]. Type genus: *Cylindromorphoides* Kerremans, 1903.

### **Subtribe GERMARICINA Cobos, 1979**

GERMARICINI Cobos, 1979b: 420, in key [stem: *Germaric*–]. Type genus: *Germarica* Blackburn, 1887.

### **Tribe CORAEBINI Bedel, 1921**

CORAEBINI Bedel, 1921: 170 [stem: *Coraeb*–]. Type genus: *Coraebus* Gory and Laporte, 1839.

### **Subtribe AMORPHOSOMATINA Majer, 2000**

AMORPHOSOMINA Majer, 2000: 210 [stem: *Amorphosomat*–]. Type genus: *Amorphosoma* Laporte, 1835. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe CISSEINA Majer, 2000**

CISSEINA Majer, 2000: 203 [stem: *Cisse-*]. Type genus: *Cisseis* Gory and Laporte, 1839 [syn. of *Diphucrania* Dejean, 1833 (see ICZN 2008c)].

**Subtribe CLEMATINA Majer, 2000**

CLEMINA Majer, 2000: 215 [stem: *Clemat-*]. Type genus: *Clema* Semenov, 1900. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe CORAEBINA Bedel, 1921**

CORAEBINI Bedel, 1921: 170 [stem: *Coraeb-*]. Type genus: *Coraebus* Gory and Laporte, 1839.

**Subtribe DISMORPHINA Cobos, 1990**

DISMORPHINA Cobos, 1990: 542 [stem: *Dismorph-*]. Type genus: *Dismorpha* Gistel, 1848.

**Subtribe ETHONIINA Majer, 2000**

ETHONIINA Majer, 2000: 201 [stem: *Ethoni-*]. Type genus: *Ethonion* Kubáň, 2000.

**Subtribe GERALIINA Cobos, 1988**

GERALIINA Cobos, 1988: 10 [stem: *Gerali-*]. Type genus: *Geralius* Harold, 1869.

**Subtribe MELIBOEINA Majer, 2000**

MELIBOEINA Majer, 2000: 213 [stem: *Meliboe-*]. Type genus: *Meliboeus* Deyrolle, 1864.

**Subtribe SYNECHOCERINA Majer, 2000**

SYNECHOCERINA Majer, 2000: 214 [stem: *Synechocer-*]. Type genus: *Synechocera* Deyrolle, 1864.

**Subtribe TOXOSCELINA Majer, 2000**

TOXOSCELINA Majer, 2000: 207 [stem: *Toxoscel-*]. Type genus: *Toxoscelus* Deyrolle, 1864.

**Tribe TRACHEINI Laporte, 1835**

TRACHISIDAE Laporte, 1835b: 166 [stem: *Trache-*]. Type genus: *Trachys* Fabricius, 1801 [placed on the Official List of Generic Names in Zoology (ICZN 2009a)]. Comment: correct stem ruled to be *Trache-* and TRACHEIDAE Laporte, 1835 placed on the Official List of Family-Group Names in Zoology (ICZN 2009a).

**Subtribe BRACHINA LeConte, 1861**

BRACHES J. L. LeConte, 1861: 156 [stem: *Brach-*]. Type genus: *Brachys* Dejean, 1833. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Brache-*).

BRACHYINI Cobos, 1979b: 417, in key [stem: *Brach-*]. Type genus: *Brachys* Dejean, 1833. Comment: family-group name proposed as a new taxon, without reference to BRACHES J. L. LeConte, 1861; incorrect original stem formation, not in prevailing usage.

**Subtribe LEIOPLEURINA Holyński, 1993**

LEIOPLEURINA Holyński, 1993: 32 [stem: *Leiopleur-*]. Type genus: *Leiopleura* Deyrolle, 1864.

**Subtribe PACHYSCHHELINA Böving and Craighead, 1931**

PACHYSCHHELINAE Böving and Craighead, 1931: 49, in key [stem: *Pachyschel-*]. Type genus: *Pachyschelus* Solier, 1833.

**Subtribe TRACHEINA Laporte, 1835**

TRACHISIDAE Laporte, 1835b: 166 [stem: *Trache-*]. Type genus: *Trachys* Fabricius, 1801 [placed on the Official List of Generic Names in Zoology (ICZN 2009a)]. Comment: published before 6 May 1835; correct stem ruled to be *Trache-* and TRACHEIDAE Laporte, 1835 placed on the Official List of Family-Group Names in Zoology (ICZN 2009a); TRACHISIDAE Laporte, 1835 deemed to be an incorrect original spelling and placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology along with subsequent family-group names based on *Trachys* Fabricius (ICZN 2009a); the correct spelling TRACHEIDAE was first used by Gistel (1848: [5]); this family-group name was also used in the same year by Solier (1835c [before 4 May]: c, as TRACHYSIDES).

PHYTOTERADAE Gistel, 1856a: 366 [stem: *Phytoter-*]. Type genus: *Phytotera* Gistel, 1856 [syn. of *Trachys* Fabricius, 1801]. Comment: incorrect original stem formation, not in prevailing usage.

**†Subfamily PARATHYREINAE Alexeev, 1994**

PARATHYREINAE Alexeev, 1994: 10 [stem: *Parathyre-*]. Type genus: *Parathyrea* Alexeev, 1994.

**Superfamily BYRRHOIDEA Latreille, 1804**

BYRRHII Latreille, 1804c: 146 [stem: *Byrrh-*]. Type genus: *Byrrhus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

**Family BYRRHIDAE Latreille, 1804**

BYRRHII Latreille, 1804c: 146 [stem: *Byrrh-*]. Type genus: *Byrrhus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

**Subfamily BYRRHINAE Latreille, 1804**

BYRRHII Latreille, 1804c: 146 [stem: *Byrrh-*]. Type genus: *Byrrhus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

**Tribe BYRRHINI Latreille, 1804**

BYRRHII Latreille, 1804c: 146 [stem: *Byrrh-*]. Type genus: *Byrrhus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].  
Comment: published 7 March 1804; this family-group name was also used in the same year by Latreille (1804a [between 19 August and 17 September]: 190, as BYRRHII).

\*TYLICINI Johnson, 1991: 160 [stem: *Tylic-*]. Type genus: *Tylicus* Casey, 1912 [syn. of *Arctobyrrhus* Munster, 1902]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Tribe EXOMELLINI Casey, 1914**

EXOMELLINI Casey, 1914a: 378 [stem: *Exomell-*]. Type genus: *Exomella* Casey, 1914.

**Tribe MORYCHINI El Moursy, 1961**

MORYCHINI El Moursy, 1961: 11 [stem: *Morych-*]. Type genus: *Morychus* Erichson, 1847.

**Tribe PEDILOPHORINI Casey, 1912**

PEDILOPHORINI Casey, 1912: 4 [stem: *Pedilophor-*]. Type genus: *Pedilophorus* Stéfahny, 1843.

**Tribe SIMPLOCARIINI Mulsant and Rey, 1869**

SIMPLOCARIATES Mulsant and Rey, 1869: 151 [stem: *Simplocari-*]. Type genus: *Simplocaria* Stephens, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1985c)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Casey (1912: 14, as SIMPLOCARIINI), generally accepted as in P. J. Johnson (2002b: 115, as SIMPLOCARIINI).

LIOONINI Leng, 1920: 193 [stem: *Lio-*]. Type genus: *Lioon* Casey, 1912. Comment: incorrect original stem formation, not in prevailing usage.

**Subfamily SYNCALYPTINAE Mulsant and Rey, 1869**

SYNCALYPTAIRES Mulsant and Rey, 1869: 31 [stem: *Syncalypt-*]. Type genus: *Syncalypta* Dillwyn, 1829 [syn. of *Chaetophora* Kirby and Spence, 1817].

**Tribe MICROCHAETINI Paulus, 1973**

MICROCHAETINI Paulus, 1973: 353, in key [stem: *Microchaet-*]. Type genus: *Microchaetes* Hope, 1834.



**Tribe SYNCALYPTINI Mulsant and Rey, 1869**

SYNCALYPTAIRES Mulsant and Rey, 1869: 31 [stem: *Syncalypt-*]. Type genus: *Syncalypta* Dillwyn, 1829 [syn. of *Chaetophora* Kirby and Spence, 1817]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Portevin (1931: 290, as SYNCALYPTINI), generally accepted as in Hansen (1996: 138, as SYNCALYPTINAE).

**Subfamily AMPHICYRTINAE LeConte, 1861**

AMPHICYRTINI J. L. LeConte, 1861: 111 [stem: *Amphicyrt-*]. Type genus: *Amphicyrta* Erichson, 1843.

**Family ELMIDAE Curtis, 1830**

ELMIDAE Curtis, 1830: pl. 294 [stem: *Elm-*]. Type genus: *Elmis* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1995d)]. Comment: name placed on the Official List of Family-Group Names in Zoology and correct stem ruled to be *Elm-* (ICZN 1995d).

**Subfamily LARAINAE LeConte, 1861**

LARINI J. L. LeConte, 1861: 116 [stem: *Lara-*]. Type genus: *Lara* J. L. LeConte, 1852 [placed on the Official List of Generic Names in Zoology (ICZN 1988g)].

**Tribe LARAINI LeConte, 1861**

LARINI J. L. LeConte, 1861: 116 [stem: *Lara-*]. Type genus: *Lara* J. L. LeConte, 1852 [placed on the Official List of Generic Names in Zoology (ICZN 1988g)]. Comment: LARAINI J. L. LeConte, 1861 placed on the Official List of Family-Group Names in Zoology and correct stem ruled to be *Lara-* to avoid homonymy with LARIDAE Rafinesque-Schmaltz, 1815 (type genus *Larus* Linnaeus, 1758) in Aves (ICZN 1988g); LARINI J. L. LeConte, 1861 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1988g).

**Tribe POTAMOPHILINI Mulsant and Rey, 1872**

\*POTAMOPHILES Motschulsky, 1849: 54 [stem: *Potamophil-*]. Type genus: *Potamophilus* Germar, 1811. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849).

POTAMOPHILAIRES Mulsant and Rey, 1872b: 11 [stem: *Potamophil-*]. Type genus: *Potamophilus* Germar, 1811. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Ganglbauer (1904: 99, as POTAMOPHILINI), generally accepted as in Jäch et al. (2006: 432, as POTAMOPHILINI).

**Subfamily ELMINAE Curtis, 1830**

ELMIDAE Curtis, 1830: pl. 294 [stem: *Elm-*]. Type genus: *Elmis* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1995d)]. Comment:

placed on the Official List of Family-Group Names in Zoology and correct stem ruled to be *Elm-* (ICZN 1995d).

**Tribe ANCYRONYCHINI Ganglbauer, 1904**

ANCYRONYCHINI Ganglbauer, 1904: 108 [stem: *Ancyronych-*]. Type genus: *Ancyronyx* Erichson, 1847.

**Tribe ELMINI Curtis, 1830**

ELMIDAE Curtis, 1830: pl. 294 [stem: *Elm-*]. Type genus: *Elmis* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1995d)]. Comment: ELMIDAE Curtis, 1830 placed on the Official List of Family-Group Names in Zoology and correct stem ruled to be *Elm-* (ICZN 1995d).

**Subtribe ELMINA Curtis, 1830**

\*LIMNIIDAE Stephens, 1828: 104 [stem: *Limni-*]. Type genus: *Limnius* Illiger, 1802. Comment: unavailable family-group name, not based on genus used as valid at the time (see Jäch 1994).

\*LIMNIIDAE Stephens, 1829a: 5 [stem: *Limni-*]. Type genus: *Limnius* Illiger, 1802. Comment: unavailable family-group name, not based on genus used as valid at the time.

ELMIDAE Curtis, 1830: pl. 294 [stem: *Elm-*]. Type genus: *Elmis* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1995d)]. Comment: ELMIDAE Curtis, 1830 placed on the Official List of Family-Group Names in Zoology and correct stem ruled to be *Elm-* (ICZN 1995d).

LIMNIIDAE Hope, 1838a: 153 [stem: *Limni-*]. Type genus: *Limnius* Illiger, 1802. Comment: family-group name previously attributed to C. G. Thomson (1859) in the literature.

**Subtribe STENELMINA Mulsant and Rey, 1872**

STENELMISATES Mulsant and Rey, 1872a: 49 [stem: *Stenelm-*]. Type genus: *Stenelmis* Dufour, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Bollow (1941: 3, as STENELMINI), generally accepted as in Jäch et al. (2006: 437, as STENELMINA); incorrect original stem formation, not in prevailing usage.

**Tribe MACRONYCHINI Gistel, 1848**

MACRONYCHIDAE Gistel, 1848: [1] [stem: *Macronych-*]. Type genus: *Macronychus* P. W. J. Müller, 1806. Comment: family-group name previously attributed to Mulsant and Rey (1872) in the literature.

**Family DRYOPIDAE Billberg, 1820 (1817)**

PARNIDEA Leach, 1817: 88 [stem: *Parn-*]. Type genus: *Parnus* Fabricius, 1792 [syn. of *Dryops* A. G. Olivier, 1791]. Comment: younger name DRYOPIDAE Billberg, 1820 conserved (Art. 40.2) (see Lawrence and Newton 1995).

DRYOPIDES Billberg, 1820a: 38 [stem: *Dryop-*]. Type genus: *Dryops* A. G. Olivier, 1791. Comment: younger name conserved over PARNIDAE Leach, 1817 (Art. 40.2) (see Lawrence and Newton 1995).

PELONOMINAE Böving and Craighead, 1931: 45, in key [stem: *Pelonom-*]. Type genus: *Pelonomus* Erichson, 1847.

CHILOEIDAE Dajoz, 1973: 179 [stem: *Chiloe-*]. Type genus: *Chiloea* Dajoz, 1973 [syn. of *Sosteamorphus* Hinton, 1936].

**Family LUTROCHIDAE Kasap and Crowson, 1975**

\*LUTROCHIDAE Hinton, 1971: 297 [stem: *Lutroch-*]. Type genus: *Lutrochus* Erichson, 1847. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

LUTROCHIDAE Kasap and Crowson, 1975: 442 [stem: *Lutroch-*]. Type genus: *Lutrochus* Erichson, 1847.

**Family LIMNICHIDAE Erichson, 1846**

LIMNICHINI Erichson, 1846: 465 [stem: *Limnich-*]. Type genus: *Limnichus* Dejean, 1821.

**Subfamily HYPHALINAE Britton, 1971**

HYPHALINAE Britton, 1971: 88 [stem: *Hyphal-*]. Type genus: *Hyphalus* Britton, 1971.

**Subfamily LIMNICHINAE Erichson, 1846**

LIMNICHINI Erichson, 1846: 465 [stem: *Limnich-*]. Type genus: *Limnichus* Dejean, 1821.

**Tribe LIMNICHINI Erichson, 1846**

LIMNICHINI Erichson, 1846: 465 [stem: *Limnich-*]. Type genus: *Limnichus* Dejean, 1821.

BOTRIOPHORATES Mulsant and Rey, 1869: 160 [stem: *Bothriophor-*]. Type genus: *Bothriophorus* Mulsant and Rey, 1852 [as *Botriophorus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: family-group name also spelled BOTRIAPHORATES in the original publication (p. 173); original vernacular name available (Art. 11.7.2): first used in latinized form by Ganglbauer (1904: 51, as BOTHRIOPHORINI), generally accepted as in Shepard (2002: 125, as BOTHRIOPHORINI); incorrect original stem formation, not in prevailing usage.

**Tribe WOOLDRIDGEINI Spangler, 1999**

WOOLDRIDGEINI Spangler, 1999: 181 [stem: *Wooldridge-*]. Type genus: *Wooldridgeus* Spangler, 1998.

**Subfamily CEPHALOBYRRHINAE Champion, 1925**

CEPHALOBYRRHINAE Champion, 1925: 174 [stem: *Cephalobyrrh-*]. Type genus: *Cephalobyrrhus* Pic, 1923.

**Subfamily THAUMASTODINAE Champion, 1924**

THAUMASTODINAE Champion, 1924: 25 [stem: *Thaumastod-*]. Type genus: *Thaumastodus* Champion, 1924 [syn. of *Pseudeucinetus* Heller, 1921].

**Family HETEROCERIDAE MacLeay, 1825**

HETEROCERIDAE W. S. MacLeay, 1825: 34 [stem: *Heterocer-*]. Type genus: *Heterocerus* Fabricius, 1792.

**Subfamily ELYTHOMERINAE Pacheco, 1964**

ELYTHOMERINI Pacheco, 1964: 120 [stem: *Elythomer-*]. Type genus: *Elythomerus* C. O. Waterhouse, 1874.

**Subfamily HETEROCERINAE MacLeay, 1825**

HETEROCERIDAE W. S. MacLeay, 1825: 34 [stem: *Heterocer-*]. Type genus: *Heterocerus* Fabricius, 1792.

**Tribe AUGYLINI Pacheco, 1964**

AUGYLIINI Pacheco, 1964: 19 [stem: *Augyl-*]. Type genus: *Augyles* Schiødte, 1866.  
Comment: incorrect original stem formation, not in prevailing usage.

**Tribe HETEROCERINI MacLeay, 1825**

HETEROCERIDAE W. S. MacLeay, 1825: 34 [stem: *Heterocer-*]. Type genus: *Heterocerus* Fabricius, 1792.

**Tribe MICILINI Pacheco, 1964**

MICILINI Pacheco, 1964: 32 [stem: *Micil-*]. Type genus: *Micilus* Mulsant and Rey, 1872.

**Tribe TROPICINI Pacheco, 1964**

TROPICINI Pacheco, 1964: 101 [stem: *Tropic-*]. Type genus: *Tropicus* Pacheco, 1964.

**Family PSEPHENIDAE Lacordaire, 1854**

PSÉPHÉNIDES Lacordaire, 1854b: 497 [stem: *Psephen-*]. Type genus: *Psephenus* Haldeman, 1853.

**Subfamily AFROEUBRIINAE Lee, Satô, Shepard and Jäch, 2007**

AFROEUBRIINAE Lee, Satô, Shepard and Jäch, 2007: 532 [stem: *Afroeubri-*]. Type genus: *Afroeubria* Villiers, 1961.

**Subfamily EUBRIINAE Lacordaire, 1857**

EUBRIADES Lacordaire, 1857: 283 [stem: *Eubri-*]. Type genus: *Eubria* Germar, 1818. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 180, as EUBRIINI), generally accepted as in Hansen (1996: 139, as EUBRIINAE).

**Subfamily EUBRIANACINAE Jakobson, 1913**

PLACONYCHINI G. H. Horn, 1880a: 110 [stem: *Placonych-*]. Type genus: *Placonycha* G. H. Horn, 1880 [syn. of *Eubrianax* Kiesenwetter, 1874]. Comment: usage of the younger name EUBRIANACINAE Jakobson, 1913 conserved over this name (Art. 40.2) (see Lawrence and Newton 1995: 846).

EUBRIANACINI Jakobson, 1913: 723 [stem: *Eubrianac-*]. Type genus: *Eubrianax* Kiesenwetter, 1874. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Eubrianact-*); use of this name conserved over PLACONYCHINAE G. H. Horn, 1880 (Art. 40.2) (see Lawrence and Newton 1995: 846).

**Subfamily PSEPHENOIDINAE Bollow, 1938**

PSEPHENOIDINI Bollow, 1938: 156 [stem: *Psephenoid-*]. Type genus: *Psephenoides* Gahan, 1914.

**Subfamily PSEPHENINAE Lacordaire, 1854**

EURYPALPINI J. L. LeConte, 1852a: 41 [stem: *Eurypalp-*]. Type genus: *Eurypalpus* J. L. LeConte, 1852 [preoccupied genus name, not *Eurypalpus* Macquart, 1835 [Diptera]; syn. of *Psephenus* Haldeman, 1853]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

PSÉPHÉNIDES Lacordaire, 1854b: 497 [stem: *Psephen-*]. Type genus: *Psephenus* Haldeman, 1853. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Imhoff (1856: xv, as PSEPHENIDAE), generally accepted as in Hansen (1996: 139, as PSEPHENIDAE).

**Family CNEOGLOSSIDAE Champion, 1897**

CNEOGLOSSINI Champion, 1897: 594 [stem: *Cneogloss-*]. Type genus: *Cneoglossa* Guérin-Méneville, 1843.

**Family PTILODACTYLIDAE Laporte, 1836**

PTILODACTYLIDAE Laporte, 1836: 21 [stem: *Ptilodactyl-*]. Type genus: *Ptilodactyla* Illiger, 1807.

**Subfamily ANCHYTARSINAE Champion, 1897**

COLOBODERIDES Erichson, 1847a: 174 [stem: *Coloboder-*]. Type genus: *Colobodera* Klug, 1838 [syn. of *Daemon* Laporte, 1836].

ANCHYTARSINI Champion, 1897: 593 [stem: *Anchytars-*]. Type genus: *Anchytarsus* Guérin-Méneville, 1843. Comment: COLOBODERINAE Erichson, 1847 is the oldest name for this tribe, however since COLOBODERINAE has not been used as valid after 1899 to our knowledge, we believe that usage of ANCHYTARSINAE Champion, 1897 should be conserved and an application be submitted to the Commission to suppress the older name.

\*EPILICHADINAE Lawrence and Stribling, 1992: 19 [stem: *Epilichad-*]. Type genus: *Epilichas* A. White, 1859. Comment: although Ivie (2002: 136) treated this name as available we do not believe that requirements of Art. 13.1 were met and we therefore treat this name here as unavailable.

### **Subfamily CLADOTOMINAE Pic, 1914**

CLADOTOMINI Pic, 1914: 45 [stem: *Cladotom-*]. Type genus: *Cladotoma* Westwood, 1836.

### **Subfamily APLOGLOSSINAE Champion, 1897**

APLOGLOSSINAE Champion, 1897: 623 [stem: *Aplogloss-*]. Type genus: *Aploglossa* Guérin-Méneville, 1849.

### **Subfamily ARAEOPIDIINAE Lawrence, 1991**

ARAEOPIDIINAE Lawrence, 1991: 250, in key [stem: *Araeopidi-*]. Type genus: *Araeopidius* Cockerell, 1906.

### **Subfamily PTILODACTYLINAE Laporte, 1836**

PTILODACTYLIDAE Laporte, 1836: 21 [stem: *Ptilodactyl-*]. Type genus: *Ptilodactyla* Illiger, 1807.

### **Family PODABROCEPHALIDAE Pic, 1930**

PODABROCEPHALIDAE Pic, 1930: 314 [stem: *Podabrocephal-*]. Type genus: *Podabrocephalus* Pic, 1913.

### **Family CHELONARIIDAE Blanchard, 1845**

CHELONARIITES Blanchard, 1845b: 70 [stem: *Chelonari-*]. Type genus: *Chelonarium* Fabricius, 1801. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Imhoff (1856: 140, as CHELONARI), generally accepted as in Satô (2006: 454, as CHELONARIIDAE).

### **Family EULICHADIDAE Crowson, 1973**

\*LICHADIDEN Kolbe, 1908: 249 [stem: *Lichad-*]. Type genus: *Lichas* Westwood, 1853 [preoccupied genus name, not *Lichas* Dalman, 1827 [Trilobita]; syn. of *Eulichas* Jakobson, 1913]. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.



LICHADIDAE Forbes, 1926: 102 [stem: *Lichad-*]. Type genus: *Lichas* Westwood, 1853 [preoccupied genus name, not *Lichas* Dalman, 1827 [Trilobita]; syn. of *Eulichas* Jakobson, 1913]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

EULICHADIDAE Crowson, 1973b: 237 [stem: *Eulichad-*]. Type genus: *Eulichas* Jakobson, 1913.

### Family CALLIRHIPIDAE Emden, 1924

ZENOINI J. L. LeConte, 1866a: 50 [stem: *Zeno-*]. Type genus: *Zenoa* Say, 1835.

Comment: this name is older than CALLIRHIPIDAE Emden, 1924 however we recommend that an application be submitted to conserve the younger name.

CALLIRHIPINI Emden, 1924: 87 [stem: *Callirhip-*]. Type genus: *Callirhipis* Latreille, 1829. Comment: the oldest name for this family is ZENOIDAE LeConte, 1866, however, as pointed out by Lawrence and Newton (1995: 849) an application to the Commission is needed in order to preserve the broadly accepted younger name CALLIRHIPIDAE Emden, 1924; current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Callirhipid-*).

### Superfamily ELATEROIDEA Leach, 1815

ELATERIDES Leach, 1815: 85 [stem: *Elater-*]. Type genus: *Elater* Linnaeus, 1758.

Comment: the oldest available name for this superfamily is CEBRIONOIDEA Latreille, 1802, however ELATEROIDEA Leach, 1815 is maintained here pending resolution of an application to the ICZN being prepared by P. J. Johnson (see Lawrence and Newton 1995: 849; P. J. Johnson pers. comm. 2009).

### Family RHINORHIPIDAE Lawrence, 1988

RHINORHIPIDAE Lawrence, 1988: 3 [stem: *Rhinorhip-*]. Type genus: *Rhinorhipus* Lawrence, 1988.

### Family ARTEMATOPODIDAE Lacordaire, 1857

ARTÉMATOPIDES Lacordaire, 1857: 260 [stem: *Artematopod-*]. Type genus: *Artematopus* Perty, 1832.

### Subfamily ELECTRIBIINAE Crowson, 1975

ELECTROPOGONINI Crowson, 1975: 77 [stem: *Electribi-*]. Type genus: *Electribius* Crowson, 1973. Comment: incorrect original stem formation, not in prevailing usage; ELECTROPOGONINI (based on *Electropogon*) in Crowson's work has been treated as a *lapsus calami* for ELECTRIBIIDAE based on *Electribius* (see Lawrence and Newton 1995: 850).

**Subfamily ALLOPOGONIINAE Crowson, 1973**

ALLOPOGONINI Crowson, 1973b: 231, in key [stem: *Allopogoni*]. Type genus: *Allopogonia* Cockerell, 1906. Comment: incorrect original stem formation, not in prevailing usage.

**Subfamily ARTEMATOPODINAE Lacordaire, 1857**

ARTÉMATOPIDES Lacordaire, 1857: 260 [stem: *Artematopod*]. Type genus: *Artematopus* Perty, 1832.

**Tribe ARTEMATOPODINI Lacordaire, 1857**

ARTÉMATOPIDES Lacordaire, 1857: 260 [stem: *Artematopod*]. Type genus: *Artematopus* Perty, 1832. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1897: 586, as ARTEMATOPIINAE [incorrect stem formation]), generally accepted as in Lawrence and Newton (1995: 849, as ARTEMATOPODIDAE); incorrect original stem formation, not in prevailing usage.

**Tribe CTESIBIINI Crowson, 1973**

CTESIBIINAE Crowson, 1973b: 228, in key [stem: *Ctesibi*]. Type genus: *Ctesibius* Champion, 1897.

**Tribe MACROPOGONINI LeConte, 1861**

MACROPOGONINI J. L. LeConte, 1861: 178 [stem: *Macropogon*]. Type genus: *Macropogon* Motschulsky, 1845.

EURYPAGONIDAE Böving and Craighead, 1931: 45, in key [stem: *Eurypogon*]. Type genus: *Eurypogon* Motschulsky, 1859.

**Family BRACHYPSECTRIDAE LeConte and Horn, 1883**

BRACHYPSECTRINI J. L. LeConte and G. H. Horn, 1883: 170 [stem: *Brachypsectr*]. Type genus: *Brachypsectra* J. L. LeConte, 1874.

**Family CEROPHYTIDAE Latreille, 1834**

CEROPHYTIDES Latreille, 1834: 133 [stem: *Cerophyt*]. Type genus: *Cerophytum* Latreille, 1809.

**Family EUCNEMIDAE Eschscholtz, 1829**

EUCNEMIDES Eschscholtz, 1829a: 10 [stem: *Eucnem*]. Type genus: *Eucnemis* Ahrens, 1812. Comment: the name MELASIDAE Fleming, 1821 has priority over this name, however Muona and Alaruikka (2007: 32) mentioned that an application has been sent to the Commission to conserve usage of EUCNEMIDAE over the older name MELASIDAE for reasons of stability, we follow current usage until the case is resolved (also see Appendix 6).

**Subfamily PEROTHOPINAE Lacordaire, 1857**

PÉROTHOPIDES Lacordaire, 1857: 128 [stem: *Perothop*]. Type genus: *Perothops* Eschscholtz, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 162, as PEROTHOPINI), generally accepted as in Lawrence and Newton (1995: 851, as PEROTHOPINAE).

**Subfamily PHYLLOCERINAE Reitter, 1905**

PHYLLOCERIDAE Reitter, 1905: 4 [stem: *Phyllocer*]. Type genus: *Phyllocerus* Lepeletier and Audinet-Serville, 1825.

**Tribe ANELASTINI Reitter, 1911**

ANELASTINI Reitter, 1911: 202 [stem: *Anelast*]. Type genus: *Anelastes* Kirby, 1819.

**Tribe PHYLLOCERINI Reitter, 1905**

PHYLLOCERIDAE Reitter, 1905: 4 [stem: *Phyllocer*]. Type genus: *Phyllocerus* Lepeletier and Audinet-Serville, 1825.

**Subfamily PSEUDOMENINAE Muona, 1993**

PSEUDOMENINAE Muona, 1993: 41 [stem: *Pseudomen*]. Type genus: *Pseudomenes* Fleutiaux, 1902. Comment: precedence (PSEUDOMENINAE Muona, 1993 vs SCHIZOPHILINAE Muona, 1993) given to taxon originally proposed at the higher rank (Art. 24.1).

**Tribe PSEUDOMENINI Muona, 1993**

\* PSEUDOMENINAE Muona, 1991a: 167 [stem: *Pseudomen*]. Type genus: *Pseudomenes* Fleutiaux, 1902. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

PSEUDOMENINAE Muona, 1993: 41 [stem: *Pseudomen*]. Type genus: *Pseudomenes* Fleutiaux, 1902.

**Tribe SCHIZOPHILINI Muona, 1993**

\*SCHIZOPHILINI Muona, 1991a: 167 [stem: *Schizophil*]. Type genus: *Schizophilus* Bonvouloir, 1871. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

SCHIZOPHILINI Muona, 1993: 42 [stem: *Schizophil*]. Type genus: *Schizophilus* Bonvouloir, 1871.

**Subfamily PALAEOXENINAE Muona, 1993**

PALAEOXENINAE Muona, 1993: 42 [stem: *Palaeoxen*]. Type genus: *Palaeoxenus* G. H. Horn, 1891.

**Subfamily PHLEGONINAE Muona, 1993**

PHLEGONINAE Muona, 1993: 42 [stem: *Phlegon*-]. Type genus: *Phlegon* Laporte, 1840. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Phlegont*-).

**Subfamily ANISCHIINAE Fleutiaux, 1936**

ANISCHINAE Fleutiaux, 1936: 292 [stem: *Anischi*-]. Type genus: *Anischia* Fleutiaux, 1896. Comment: incorrect original stem formation, not in prevailing usage.

**Subfamily MELASINAE Fleming, 1821**

MELASIDAE Fleming, 1821: 49 [stem: *Melas*-]. Type genus: *Melasis* A. G. Olivier, 1790.

**Tribe CALYPTOCERINI Muona, 1993**

\*CALYPTOCERINI Muona, 1991a: 167 [stem: *Calyptocer*-]. Type genus: *Calyptocerus* Guérin-Méneville, 1843. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

CALYPTOCERINI Muona, 1993: 43 [stem: *Calyptocer*-]. Type genus: *Calyptocerus* Guérin-Méneville, 1843.

**Tribe CEBALLOSMELASINI Muona, 1993**

\*CEBALLOSMELASINI Muona, 1991a: 167 [stem: *Ceballosmelas*-]. Type genus: *Ceballosmelasis* Cobos, 1964. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

CEBALLOSMELASINI Muona, 1993: 42 [stem: *Ceballosmelas*-]. Type genus: *Ceballosmelasis* Cobos, 1964.

**Tribe DIRHAGINI Reitter, 1911**

DIRRHAGINI Reitter, 1911: 202 [stem: *Dirhag*-]. Type genus: *Dirhagus* Latreille, 1834 [as *Dirrhagus*, incorrect subsequent spelling of type genus name, not in prevailing usage; syn. of *Microrhagus* Dejean, 1833]. Comment: incorrect original stem formation, not in prevailing usage.

MICRORHAGINAE Fleutiaux, 1919: 112 [stem: *Microrhag*-]. Type genus: *Microrhagus* Dejean, 1833.

ARRHIPINI Cobos, 1965: 396 [stem: *Arrhipid*-]. Type genus: *Arrhipis* Bonvouloir, 1871 [as *Arhipis*, incorrect subsequent spelling type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe EPIPHANINI Muona, 1993**

\*EPIPHANINI Muona, 1991a: 167 [stem: *Epiphan*-]. Type genus: *Epiphanis* Eschscholtz, 1829. Comment: unavailable family-group name, proposed after

1930 without description or bibliographic reference to such a description (Art. 13.1).

EPIPHANINI Muona, 1993: 45 [stem: *Epiphan-*]. Type genus: *Epiphanis* Eschscholtz, 1829.

### **Tribe HYLOCHARINI Jacquelin du Val, 1859**

HYLOCHARITES Jacquelin du Val, 1859: 119 [stem: *Hylochar-*]. Type genus: *Hylochares* Latreille, 1834. Comment: original vernacular name available (Art. 11.7.2): generally accepted as in Muona (2007: 84, as HYLOCHARINI); family-group names with the incorrectly formed stem *Hylochar-* have been used in Aves (type genus *Hylocharis* Boie, 1831), the correct stem for the bird family-group name is *Hylocharit-* (see Bock 1994: 143).

HYLOCHARINI Cobos, 1965: 369 [stem: *Hylochar-*]. Type genus: *Hylochares* Latreille, 1834. Comment: proposed as new without reference to HYLOCHARINI Jacquelin du Val, 1859.

### **Tribe MELASINI Fleming, 1821**

MELASIDAE Fleming, 1821: 49 [stem: *Melas-*]. Type genus: *Melasis* A. G. Olivier, 1790.

### **Subtribe COMPSOCNEMINA Muona, 1993**

COMPSOCNEMINA Muona, 1993: 43 [stem: *Compsocnem-*]. Type genus: *Compsocnemis* Bonvouloir, 1871. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Compsocnemid-*).

### **Subtribe MELASINA Fleming, 1821**

MELASIDAE Fleming, 1821: 49 [stem: *Melas-*]. Type genus: *Melasis* A. G. Olivier, 1790.

### **Tribe NEOCHARINI Muona, 1993**

\*NEOCHARINI Muona, 1991a: 167 [stem: *Neochar-*]. Type genus: *Neocharis* Sharp, 1887. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

NEOCHARINI Muona, 1993: 44 [stem: *Neochar-*]. Type genus: *Neocharis* Sharp, 1887. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Neocharit-*).

### **Tribe XYLOBIINI Reitter, 1911**

XYLOBIINI Reitter, 1911: 203 [stem: *Xylobi-*]. Type genus: *Xylobius* Latreille, 1834 [syn. of *Xylophilus* Mannerheim, 1823].

**Subfamily EUCNEMINAE Eschscholtz, 1829**

EUCNEMIDES Eschscholtz, 1829a: 10 [stem: *Eucnem-*]. Type genus: *Eucnemis* Ahrens, 1812.

**Tribe DENDROCHARINI Fleutiaux, 1920**

DENDROCHARINI Fleutiaux, 1920: 100, in key [stem: *Dendrochar-*]. Type genus: *Dendrocharis* Guérin-Ménéville, 1843. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Dendrocharit-*).

**Tribe DYSCHARACHTHINI Muona, 1993**

\*DYSCHARACHTHINI Muona, 1991a: 167 [stem: *Dyscharachth-*]. Type genus: *Dyscharachthis* Blackburn, 1900. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

DYSCHARACHTHINI Muona, 1993: 49 [stem: *Dyscharachth-*]. Type genus: *Dyscharachthis* Blackburn, 1900. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Dyscharachthent-*).

**Tribe ENTOMOSATOPINI Muona, 1993**

\*ENTOMOSATOPINI Muona, 1991a: 167 [stem: *Entomosatop-*]. Type genus: *Entomosatopus* Bonvouloir, 1871. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

ENTOMOSATOPINI Muona, 1993: 48 [stem: *Entomosatop-*]. Type genus: *Entomosatopus* Bonvouloir, 1871.

**Tribe EUCNEMINI Eschscholtz, 1829**

EUCNEMIDES Eschscholtz, 1829a: 10 [stem: *Eucnem-*]. Type genus: *Eucnemis* Ahrens, 1812. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Eucnemid-*).

GASTRAULACI Fleutiaux, 1902: 648 [stem: *Gastraulac-*]. Type genus: *Gastraulacus* Guérin-Ménéville, 1843.

**Tribe GALBITINI Muona, 1991**

\*GALBITES Blanchard, 1845b: 71 [stem: *Galb-*]. Type genus: *Galba* Latreille, 1829 [preoccupied genus name, not *Galba* Schrank, 1803 [Mollusca]; syn. of *Galbites* Fleutiaux, 1918]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; if found to be available in the future then permanently invalid (Art. 39): based on preoccupied type genus.

PTEROTARSINI Cobos, 1965: 294 [stem: *Pterotars-*]. Type genus: *Pterotarsus* sensu Guérin-Ménéville, 1838 [syn. of *Galbites* Fleutiaux, 1918]. Comment:



proposed as new without reference to PTEROTARSINI Fleutiaux, 1902 in ELATERIDAE; based on misidentified type genus; name treated here as invalid until an application is submitted to the Commission to suppress it for the Principle of Priority (Art. 65.2.1).

\*GALBITINI Muona, 1991a: 167 [stem: *Galbit-*]. Type genus: *Galbites* Fleutiaux, 1918. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

GALBITINI Muona, 1991b: 19 [stem: *Galbit-*]. Type genus: *Galbites* Fleutiaux, 1918.

### **Tribe MESOGENINI Muona, 1993**

\*MESOGENINI Muona, 1991a: 167 [stem: *Mesogen-*]. Type genus: *Mesogenus* Bonvouloir, 1871. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

MESOGENINI Muona, 1993: 49 [stem: *Mesogen-*]. Type genus: *Mesogenus* Bonvouloir, 1871.

### **Tribe MUONAJINI Özdikmen, 2008**

\*YANGINI Muona, 1991a: 167 [stem: *Yang-*]. Type genus: *Yanga* Muona, 1993 [preoccupied genus name, not *Yanga* Distant, 1904 [Hemiptera]; syn. of *Muonaja* Özdikmen, 2008]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

YANGINI Muona, 1993: 48 [stem: *Yang-*]. Type genus: *Yanga* Muona, 1993 [preoccupied genus name, not *Yanga* Distant, 1904 [Hemiptera]; syn. of *Muonaja* Özdikmen, 2008]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

MUONAJINI Özdikmen, 2008: 675 [stem: *Muonaj-*]. Type genus: *Muonaja* Özdikmen, 2008. Comment: replacement name for YANGINI Muona, 1993 because of the homonymy of the type genus.

### **Tribe PERROTIINI Muona, 1993**

\*PERROTINI Muona, 1991a: 167 [stem: *Perroti-*]. Type genus: *Perrotius* Fleutiaux, 1938. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

PERROTINI Muona, 1993: 47 [stem: *Perroti-*]. Type genus: *Perrotius* Fleutiaux, 1938. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe PHAENOCERINI Muona, 1993**

\*PHAENOCERINI Muona, 1991a: 167 [stem: *Phaenocer-*]. Type genus: *Phaenocerus* Bonvouloir, 1871. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

PHAENOCERINI Muona, 1993: 47 [stem: *Phaenocer*]. Type genus: *Phaenocerus* Bonvouloir, 1871.

### Tribe PROUTIANINI Muona, 1993

\*PROUTIANINI Muona, 1991a: 167 [stem: *Proutian*]. Type genus: *Proutianus* Muona, 1993. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

PROUTIANINI Muona, 1993: 47 [stem: *Proutian*]. Type genus: *Proutianus* Muona, 1993.

### Subfamily MACRAULACINAE Fleutiaux, 1923

MACRAULACINAE Fleutiaux, 1923: 304 [stem: *Micraulac*]. Type genus: *Macraulacus* Bonvouloir, 1872.

### Tribe ANELASTIDINI Muona, 1993

ANELASTIDINI Muona, 1993: 52 [stem: *Anelastid*]. Type genus: *Anelastidius* Jacquelin du Val, 1863. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Anelastidi*).

### Tribe ECHTHROGASTERINI Cobos, 1965

ECHTHROGASTERINI Cobos, 1965: 369 [stem: *Echthrogaster*]. Type genus: *Echthrogaster* Blackburn, 1900.

### Tribe EURYPTYCHINI Mamaev, 1976

EURYPTYCHINI Mamaev, 1976: 154 [stem: *Euryptych*]. Type genus: *Euryptychus* J. L. LeConte, 1852.

### Tribe JENIBUNTORINI Muona, 1993

\*JENIBUNTORINI Muona, 1991a: 167 [stem: *Jenibuntor*]. Type genus: *Jenibuntor* Muona, 1993. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

JENIBUNTORINI Muona, 1993: 51 [stem: *Jenibuntor*]. Type genus: *Jenibuntor* Muona, 1993.

### Tribe MACRAULACINI Fleutiaux, 1923

MACRAULACINAE Fleutiaux, 1923: 304 [stem: *Macraulac*]. Type genus: *Macraulacus* Bonvouloir, 1872.

FORNAXINI Cobos, 1965: 294 [stem: *Fornac*]. Type genus: *Fornax* Laporte, 1835. Comment: incorrect original stem formation, not in prevailing usage.

DROMAEOLINI Leiler, 1976: 48 [stem: *Dromaeol*]. Type genus: *Dromaeolus* Kiesenwetter, 1858.

**Tribe NEMATODINI Leiler, 1976**

NEMATODINI Leiler, 1976: 48 [stem: *Nematod-*]. Type genus: *Nematodes* Berthold, 1827.

**Tribe OISOCERINI Muona, 1993**

OISOCERINI Muona, 1993: 51 [stem: *Oisocer-*]. Type genus: *Oisocerus* Bonvouloir, 1868.

**Tribe ORODOTINI Muona, 1993**

CRYPTOSTOMIDAE Laporte, 1835b: 181 [stem: *Cryptostomat-*]. Type genus: *Cryptostoma* Dejean, 1821 [preoccupied genus name, not *Cryptostoma* Blainville, 1818 [Mollusca]; syn. of *Ceratogonys* Perty, 1830]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

\*ORODOTINI Muona, 1991a: 167 [stem: *Orodot-*]. Type genus: *Orodotes* Bonvouloir, 1871. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

ORODOTINI Muona, 1993: 52 [stem: *Orodot-*]. Type genus: *Orodotes* Bonvouloir, 1871.

**†Tribe THROSCOGENIINI Iablokoff-Khnzorian, 1962**

THROSCOGENIINAE Iablokoff-Khnzorian, 1962: 81 [stem: *Throscogeni-*]. Type genus: *Throscogenius* Iablokoff-Khnzorian, 1962.

**Family THROSCIDAE Laporte, 1840 *nomen protectum***

STEREOLIA Rafinesque, 1815: 112 [stem: *Stereol-*]. Type genus: *Stereolus* Rafinesque, 1815 [unjustified emendation of *Throscus* Latreille, 1797 not in prevailing usage; syn. of *Trixagus* Kugelann, 1794]. Comment: *nomen oblitum* (see Appendix 1).

THROSCITES Laporte, 1840a: 228 [stem: *Throsc-*]. Type genus: *Throscus* Latreille, 1797 [syn. of *Trixagus* Kugelann, 1794]. Comment: *nomen protectum* (see Appendix 1); original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 369, as THROSCOIDAE), generally accepted as in P. J. Johnson (2002b: 158, as THROSCIDAE).

TRIXAGIDAE Gistel, 1848: [4] [stem: *Trixag-*]. Type genus: *Trixagus* Kugelann, 1794.

POTERGINI Cobos, 1961: 5 [stem: *Poterg-*]. Type genus: *Potergus* Bonvouloir, 1871.

**†Family PRAELATERIIDAE Dolin, 1973**

PRAELATERIIDAE Dolin, 1973: 78 [stem: *Praelateri-*]. Type genus: *Praelaterium* Dolin, 1973.

**Family ELATERIDAE Leach, 1815**

ELATERIDES Leach, 1815: 85 [stem: *Elater-*]. Type genus: *Elater* Linnaeus, 1758.

Comment: the oldest available name for this family is CEBRIONIDAE Latreille,

1802, however ELATERIDAE Leach, 1815 is maintained here pending resolution of an application to the ICZN being prepared by P. J. Johnson (see Lawrence and Newton 1995: 852; P. J. Johnson pers. comm. 2009).

### **Subfamily CEBRIONINAE Latreille, 1802**

CEBRIONATES Latreille, 1802: 97 [stem: *Cebrion-*]. Type genus: *Cebrio* A. G. Olivier, 1790.

PLASTOCERINI J. L. LeConte, 1861: 172 [stem: *Plastocer-*]. Type genus: *Plastocerus* sensu J. L. LeConte, 1853 [not *Plastocerus* Schaum, 1852; syn. of *Octinodes* Candèze, 1863]. Comment: based on a misidentified type genus; an application should be submitted to the Commission to suppress this name for the Principles of Priority and Homonymy (Art. 65.2.1) since PLASTOCERIDAE Crowson, 1972 is currently used as valid in ELATEROIDEA.

APLASTINAE Stibick, 1979: 175 [stem: *Aplast-*]. Type genus: *Aplastus* J. L. LeConte, 1859.

CEBRIOGNATHINAE Paulus, 1981: 264, in key [stem: *Cebriognath-*]. Type genus: *Cebriognathus* Chobaut, 1899.

### **Subfamily AGRYPNINAE Candèze, 1857 *nomen protectum***

AGRYPNIDES Candèze, 1857: 17 [stem: *Agrypn-*]. Type genus: *Agrypnus* Eschscholtz, 1829. Comment: *nomen protectum* (see Appendix 1); AGRYPNINAE Candèze, 1857 given precedence for subfamily name over OOPHORINAE Gistel, 1848 (Art. 35.5).

### **Tribe AGRYPNINI Candèze, 1857 *nomen protectum***

ADELOCERAEIDAE Gistel, 1848: [5] [stem: *Adelocer-*]. Type genus: *Adelocera* Latreille, 1829. Comment: *nomen oblitum* (see Appendix 1); incorrect original stem formation, not in prevailing usage.

PANGAURADAE Gistel, 1856a: 366 [stem: *Pangaur-*]. Type genus: *Pangaura* Gistel, 1856 [syn. of *Lacon* Laporte, 1838]. Comment: *nomen oblitum* (see Appendix 1); incorrect original stem formation, not in prevailing usage.

AGRYPNIDES Candèze, 1857: 17 [stem: *Agrypn-*]. Type genus: *Agrypnus* Eschscholtz, 1829. Comment: published before 29 June 1857; *nomen protectum* (see Appendix 1); original vernacular name available (Art. 11.7.2): first used in latinized form by Kiesenwetter (1858: 230, as AGRYPNINI), generally accepted as in Lawrence and Newton (1995: 854, as AGRYPNINAE); this family-group name was also proposed in the same year by Lacordaire (1857 [before 25 May]: 138, as AGRYPNIDES) (see *Bibliographic notes* in Introduction).

\*OCTOCRYPTITES Candèze, 1892: 486 [stem: *Octocrypt-*]. Type genus: *Octocryptus* Candèze, 1892. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Candèze (1892).

ADELOCERINI Buysson, 1893: 15 [stem: *Adelocer-*]. Type genus: *Adelocera* Latreille, 1829. Comment: family-group name proposed as new without reference to ADELOCERIDAE Gistel, 1848.

OCTOCRYPTINI Schwarz, 1906: 31 [stem: *Octocrypt-*]. Type genus: *Octocryptus* Candèze, 1892.

CAVICOXUMIDAE Pic, 1928: 21 [stem: *Cavicox-*]. Type genus: *Cavicoxum* Pic, 1928 [syn. of *Agraeus* Candèze, 1857]. Comment: incorrect original stem formation, not in prevailing usage.

LACONINI Dajoz, 1964: 60 [stem: *Lacon-*]. Type genus: *Lacon* Laporte, 1838.

### **Tribe ANAISSINI Golbach, 1984**

ALAMPINA C. Costa, 1975: 53 [stem: *Alamp-*]. Type genus: *Alampes* Champion, 1895 [preoccupied genus name, not *Alampes* Horváth, 1884 [Hemiptera]; syn. of *Peralampes* P. J. Johnson, 2002]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ANAISSINI Golbach, 1984: 81 [stem: *Anaiss-*]. Type genus: *Anaissus* Candèze, 1857.

### **†Tribe CRYPTOCARDIINI Dolin, 1980**

CRYPTOCARDIINI Dolin, 1980: 74 [stem: *Cryptocardi-*]. Type genus: *Cryptocardius* Dolin, 1980.

### **Tribe EUPLINTHINI Costa, 1975**

EUPLINTHINA C. Costa, 1975: 66 [stem: *Euplinth-*]. Type genus: *Euplinthus* C. Costa, 1975. Comment: we act as First Revisers (COMPSOPLINTHINI C. Costa, 1975 vs EUPLINTHINI C. Costa, 1975).

### **Subtribe CLEIDECOSTINA Johnson, 2002**

HELIGMINI C. Costa, 1975: 53 [stem: *Heligm-*]. Type genus: *Heligmus* Candèze, 1865 [preoccupied genus name, not *Heligmus* Dujardin, 1845 [Nematoda]; syn. of *Cleidecosta* P. J. Johnson, 2002]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

CLEIDECOSTINI P. J. Johnson, 2002a: 16 [stem: *Cleidecost-*]. Type genus: *Cleidecosta* P. J. Johnson, 2002. Comment: replacement name for HELIGMINI C. Costa, 1975 because of the homonymy of the type genus.

### **Subtribe COMPSOPLINTHINA Costa, 1975**

COMPSOPLINTHINA C. Costa, 1975: 71 [stem: *Compsoplinth-*]. Type genus: *Compsoplinthus* C. Costa, 1975.

### **Subtribe EUPLINTHINA Costa, 1975**

EUPLINTHINA C. Costa, 1975: 66 [stem: *Euplinth-*]. Type genus: *Euplinthus* C. Costa, 1975.

### **Tribe HEMIRHIPINI Candèze, 1857**

HÉMIRHIPIDES Candèze, 1857: 199 [stem: *Hemirhip-*]. Type genus: *Hemirhipus* Berthold, 1827. Comment: published before 29 June; original vernacular

- name available (Art. 11.7.2): first used in latinized form by J. Thomson (1858: 75, as HEMIRHIPITAE), generally accepted as in P. J. Johnson (2002b: 169, as HEMIRHIPINI); this family-group name was also proposed in the same year by Lacordaire (1857 [before 25 May]: 148, as HÉMIRHIPIDES) (see *Bibliographic notes* in Introduction); First Reviser (HEMIRHIPINI Candèze, 1857 vs CHALCOLEPIDIINI Candèze, 1857) not determined, current usage maintained.
- CHALCOLÉPIDIIDES Candèze, 1857: 257 [stem: *Chalcolepidi-*]. Type genus: *Chalcolepidius* Eschscholtz, 1829. Comment: published before 29 June 1857; original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 164, as CHALCOLEPIDIINI), generally accepted as in Hyslop (1917: 252, as CHALCOLEPIDINA [incorrect stem formation]); this family-group name was also proposed in the same year by Lacordaire (1857 [before 25 May]: 153, as CHALCOLÉPIDIIDES) (see *Bibliographic notes* in Introduction).
- ALAITES Candèze, 1874: 112 [stem: *Ala-*]. Type genus: *Alaus* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1894: 269, as ALAINI), generally accepted as in Heyne and Taschenberg (1905: 152, as ALAINI).
- LUDIOCTENINA Jakobson, 1913: 755 [stem: *Ludiocten-*]. Type genus: *Ludioctenus* Fairmaire, 1893.
- ALAUINAE Laurent, 1974: 16 [stem: *Ala-*]. Type genus: *Alaus* Eschscholtz, 1829. Comment: family-group name proposed as new without reference to ALAITES Candèze, 1874; incorrect original stem formation, not in prevailing usage.

### Tribe OOPHORINI Gistel, 1848

- OOPHORIDAE Gistel, 1848: [5] [stem: *Oophor-*]. Type genus: *Oophorus* Eschscholtz, 1833 [syn. of *Aeolus* Eschscholtz, 1829]. Comment: family-group name attributed to Gistel (1856a: 367) in recent literature.
- MONOCRÉPIDIITES Candèze, 1859: 176 [stem: *Monocrepidi-*]. Type genus: *Monocrepidius* Eschscholtz, 1829 [syn. of *Conoderus* Eschscholtz, 1829]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 167, as MONOCREPIDIH), generally accepted as in Burakowski et al. (1985: 147, as MONOCREPIDIINAE).
- DRASTERIINI Houlbert, 1912: 184 [stem: *Drasteri-*]. Type genus: *Drasterius* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1987b)]. Comment: the junior homonym DRASTERIINI Wiltshire, 1976 (type genus *Drasteria* Hübner, 1818) is available in Lepidoptera: NOCTUIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).
- \*AEOLINA Jakobson, 1913: 747 [stem: *Aeol-*]. Type genus: *Aeolus* Eschscholtz, 1829. Comment: family-group name unavailable (Art. 11.6): originally published as synonym and not made available subsequently.
- CONODERINAE Fleutiaux, 1919: 58 [stem: *Conoder-*]. Type genus: *Conoderus* Eschscholtz, 1829. Comment: the older name CONODERINAE Schönherr,



1833 (type genus *Conoderes* Schönherr, 1833) is currently used as valid in Coleoptera: CURCULIONIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

PACHYDERINAE Fleutiaux, 1919: 57 [stem: *Pachyder-*]. Type genus: *Pachyderes* Guérin-Méneville, 1830.

### **Tribe PLATYCREPIDIINI Costa and Casari-Chen, 1993**

EUDACTYLITES Candèze, 1859: 153 [stem: *Eudactyl-*]. Type genus: *Eudactylus* Sallé, 1855 [preoccupied genus name, not *Eudactylus* Fitzinger, 1843 [Reptilia]; syn. of *Platycrepidius* Candèze, 1859]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1895: 337, as EUDACTYLINI), generally accepted as in Hyslop (1917: 259, as EUDACTYLINI); permanently invalid (Art. 39): based on preoccupied type genus.

PLATYCREPIDIINI C. Costa and Casari-Chen, 1993: 62 [stem: *Platycrepidi-*]. Type genus: *Platycrepidius* Candèze, 1859.

### **Tribe PSEUDOMELANACTINI Arnett, 1967**

PSEUDOMELANACTINI Arnett, 1967: 111 [stem: *Pseudomelanact-*]. Type genus: *Pseudomelanactes* Mathieu, 1961 [syn. of *Anthracalaus* Fairmaire, 1889].

### **Tribe PYROPHORINI Candèze, 1863**

PYROPHORITES Candèze, 1863: 3 [stem: *Pyrophor-*]. Type genus: *Pyrophorus* Billberg, 1820.

### **Subtribe HAPSODRILINA Costa, 1975**

HAPSODRILINA C. Costa, 1975: 88 [stem: *Hapsodril-*]. Type genus: *Hapsodrilus* C. Costa, 1975.

### **Subtribe NYCTOPHYXINA Costa, 1975**

NYCTOPHYXINA C. Costa, 1975: 85 [stem: *Nyctophyx-*]. Type genus: *Nyctophysis* C. Costa, 1975. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Nyctophyse-*).

### **Subtribe PYROPHORINA Candèze, 1863**

PYROPHORITES Candèze, 1863: 3 [stem: *Pyrophor-*]. Type genus: *Pyrophorus* Billberg, 1820. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1896: 463, as PYROPHORINI), generally accepted as in P. J. Johnson (2002b: 169, as PYROPHORINI).

### **Tribe TETRALOBINI Laporte, 1840**

TETRALOBITES Laporte, 1840a: 230 [stem: *Tetralob-*]. Type genus: *Tetralobus* Lepeletier and Audinet-Serville, 1828. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Blanchard (1853: 84, as

TETRALOBITAE), generally accepted as in Lawrence and Newton (1995: 853, as TETRALOBINAE).

PHYLLOPHORIDAE Hope, 1842: 73 [stem: *Phyllophor-*]. Type genus: *Phyllophorus* Hope, 1842 [preoccupied genus name, not *Phyllophorus* Grube, 1840 [Echinodermata]; syn. of *Tetralobus* Lepeletier and Audinet-Serville, 1828]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

PIEZOPHYLLINI Laurent, 1967: 85 [stem: *Piezophyll-*]. Type genus: *Piezophyllus* Hope, 1842.

### Subfamily THYLACOSTERNINAE Fleutiaux, 1920

SOLENISCINAE Lameere, 1900: 377 [stem: *Solenisc-*]. Type genus: *Soleniscus* Bonvouloir, 1875 [preoccupied genus name, not *Soleniscus* Meek and Worthen, 1860 [Mollusca]; syn. of *Cussolenis* Fleutiaux, 1918]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

PTEROTARSINI Fleutiaux, 1902: 648 [stem: *Pterotars-*]. Type genus: *Pterotarsus* Guérin-Méneville, 1829. Comment: although this name has priority over THYLACOSTERNINAE Fleutiaux, 1920, an application will be submitted to the Commission by J. Muona and H. Silfverberg to conserve the well-established younger name.

THYLACOSTERNINAE Fleutiaux, 1920: 94 [stem: *Thylacostern-*]. Type genus: *Thylacosternus* Bonvouloir, 1875. Comment: an application will be submitted to the Commission by J. Muona and H. Silfverberg (pers. comm. 2010) to conserve prevailing usage of THYLACOSTERNINAE Fleutiaux, 1920 over the older name PTEROTARSINAE Fleutiaux, 1902.

BALGINAE Fleutiaux, 1926: 30 [stem: *Balg-*]. Type genus: *Balgus* Fleutiaux, 1920.

CUSSOLENITAE Cobos, 1961: 3 [stem: *Cussolen-*]. Type genus: *Cussolenis* Fleutiaux, 1918.

### Subfamily LISSOMINAE Laporte, 1835

LISSOMIDAE Laporte, 1835b: 178 [stem: *Lissom-*]. Type genus: *Lissomus* Dalman, 1824.

DRAPETINI J. L. LeConte, 1863: 44 [stem: *Drapet-*]. Type genus: *Drapetes* Dejean, 1821. Comment: DRAPETINI Collin, 1961 (type genus *Drapetis* Meigen, 1822) has been used as valid to this day in Diptera although Sabrosky (1999: 118) pointed out that the correct stem for the Diptera name is *Drapetid-*.

PROTELATERIDAE Schwarz, 1902: 365 [stem: *Protelater-*]. Type genus: *Protelater* Sharp, 1877.

OESTODINI Hyslop, 1917: 251 [stem: *Oestod-*]. Type genus: *Oestodes* J. L. LeConte, 1853.

ATHOOMORPHINAE Laurent, 1966: 818 [stem: *Athoomorph-*]. Type genus: *Athoomorphus* Schwarz, 1898.

DRAPETINI Dolin, 1975b: 1627, in key [stem: *Drapet-*]. Type genus: *Drapetes* Dejean, 1821. Comment: proposed as new without reference to DRAPETINI J. L. LeConte, 1863.

SPHAENELATERINI Stibick, 1979: 179 [stem: *Sphaenelater*]. Type genus: *Sphaenelater* Schwarz, 1902.

**Subfamily SEMIOTINAE Jakobson, 1913**

SEMIOTINA Jakobson, 1913: 736 [stem: *Semiot*]. Type genus: *Semiotus* Eschscholtz, 1829.

SEMIOTINAE Golbach, 1970: 320 [stem: *Semiot*]. Type genus: *Semiotus* Eschscholtz, 1829. Comment: family-group name proposed as new without reference to SEMIOTINA Jakobson, 1913.

**Subfamily CAMPYLOXENINAE Costa, 1975**

CAMPYLOXENINAE C. Costa, 1975: 114 [stem: *Campyloxen*]. Type genus: *Campyloxenus* Fairmaire, 1860.

**Subfamily PITYOBIINAE Hyslop, 1917**

PITYOBINI Hyslop, 1917: 249 [stem: *Pityobi*]. Type genus: *Pityobius* J. L. LeConte, 1853. Comment: incorrect original stem formation, not in prevailing usage.

ROSTRICEPHALINAE Fleutiaux, 1947: 238, in key [stem: *Rostricephal*]. Type genus: *Rostricephalus* Fleutiaux, 1918.

ADZUSINI Kishii, 1989: 2 [stem: *Adzus*]. Type genus: *Adzusa* Kishii, 1957.

**Subfamily OXYNOPTERINAE Candèze, 1857**

OXYNOPTÉRIDES Candèze, 1857: 355 [stem: *Oxynopter*]. Type genus: *Oxynopterus* Hope, 1842. Comment: published before 29 June 1857; original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1905: 155, as OXYNOPTERINI), generally accepted as in Johnson (2002b: 169, as OXYNOPTERINI); this family-group name was also proposed in the same year by Lacordaire (1857 [before 25 May]: 158, as OXYNOPTÉRIDES) (see *Bibliographic notes* in Introduction); First Revisor (MELANACTINAE Candèze, 1857 vs OXYNOPTERINAE Candèze, 1857) not determined, current usage maintained.

MÉLANACTIDES Candèze, 1857: 182 [stem: *Melanact*]. Type genus: *Melanactes* J. L. LeConte, 1853. Comment: published before 29 June 1857; original vernacular name available (Art. 11.7.2): first used in latinized form by Holmgren (1899: 199, as MELANACTIDAE), generally accepted as in Stibick (1979: 164, as MELANACTINAE); this family-group name was also proposed in the same year by Lacordaire (1857 [before 25 May]: 144, as MÉLANACTIDES) (see *Bibliographic notes* in Introduction).

ASAPHITES Candèze, 1863: 207 [stem: *Asaph*]. Type genus: *Asaphes* Kirby, 1837 [preoccupied genus name, not *Asaphes* Walker, 1834 [Hymenoptera]; syn. of *Hemicrepidius* Germar, 1839]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Heyne and Taschenberg (1905: 163, as ASAPHINI); permanently invalid (Art. 39): based on preoccupied type genus; the older name ASAPHIDAE H. C. C. Burmeister, 1843 (type genus *Asaphus* Brongniart 1822) is currently used as valid in Trilobita; the

younger name ASAPHINAE Ashmead, 1904 (type genus *Asaphes* Walker, 1834) is currently used as valid in Hymenoptera: PTEROMALIDAE.

CAMPSOSTERNINAE Fleutiaux, 1927a: 104 [stem: *Campsostern-*]. Type genus: *Campsosternus* Latreille, 1834. Comment: published 25 April 1927; this family-group name was also used in the same year by Fleutiaux (1927b [“31 December”]: 108, as CAMPSOSTERNINAE).

PECTOCERINI Gurjeva, 1974: 107, in key [stem: *Pectocer-*]. Type genus: *Pectocera* Hope, 1842.

### **Subfamily DENDROMETRINAE Gistel, 1848**

DENDROMETRIDAE Gistel, 1848: [5] [stem: *Dendrometr-*]. Type genus: *Dendrometrus* Gistel, 1848 [syn. of *Limonius* Eschscholtz, 1829]. Comment: First Reviser found (DENTICOLLINAE Stein and Weise, 1877 (1848) vs DENDROMETRINAE Gistel, 1848) is Sánchez-Ruiz (1996: 74).

### **Tribe CREPIDOMENINI Candèze, 1863**

CRÉPIDOMÉNITES Candèze, 1863: 190 [stem: *Crepidomen-*]. Type genus: *Crepidomenus* Erichson, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1905: 163, as CREPIDOMENINI), generally accepted as in Calder (1978: 295, as CREPIDOMENINAE).

### **Tribe DENDROMETRINI Gistel, 1848**

DENDROMETRIDAE Gistel, 1848: [5] [stem: *Dendrometr-*]. Type genus: *Dendrometrus* Gistel, 1848 [syn. of *Limonius* Eschscholtz, 1829]. Comment: First Reviser found (DENTICOLLINI Stein and Weise, 1877 (1848) vs DENDROMETRINI Gistel, 1848) is Sánchez-Ruiz (1996: 75).

### **Subtribe DENDROMETRINA Gistel, 1848**

DENDROMETRIDAE Gistel, 1848: [5] [stem: *Dendrometr-*]. Type genus: *Dendrometrus* Gistel, 1848 [syn. of *Limonius* Eschscholtz, 1829].

ATHOITES Candèze, 1859: 4 [stem: *Atho-*]. Type genus: *Athous* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 170, as ATHOI), generally accepted as in Burakowski et al. (1985: 189, as ATHOINAE).

LIMONIINA Jakobson, 1913: 755 [stem: *Limoni-*]. Type genus: *Limonius* Eschscholtz, 1829.

### **Subtribe DENTICOLLINA Stein and Weise, 1877 (1848)**

CAMPYLIDAE Gistel, 1848: [5] [stem: *Campyl-*]. Type genus: *Campylus* Fischer von Waldheim, 1824 [syn. of *Denticollis* Piller and Mitterpacher, 1783]. Comment: usage of the younger name DENTICOLLINA Stein and Weise, 1877 conserved over this name (Art. 40.2).

DENTICOLLINI Stein and Weise, 1877: 96 [stem: *Denticoll-*]. Type genus: *Denticollis* Piller and Mitterpacher, 1783. Comment: younger name conserved over CAMPYLINA Gistel, 1848 (Art. 40.2).

LEPTUROIDINI Schwarz, 1906: 3, in key [stem: *Lepturoid-*]. Type genus: *Lepturoides* Herbst, 1784 [syn. of *Denticollis* Piller and Mitterpacher, 1783].

### **Subtribe HEMICREPIDIINA Champion, 1896**

HEMICREPIDIINI Champion, 1896: 477 [stem: *Hemicrepidi-*]. Type genus: *Hemicrepidius* Germar, 1839.

### **Tribe DIMINI Candèze, 1863**

DIMITES Candèze, 1863: 237 [stem: *Dim-*]. Type genus: *Dima* Charpentier, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1896: 476, as DIMINI), generally accepted as in Gurjeva (1974: 107, as DIMINAE); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Dimat-*).

BELIOPHORINA Jakobson, 1913: 737 [stem: *Beliophor-*]. Type genus: *Beliophorus* Eschscholtz, 1829.

PENIINI Dolin, 1990: 17 [stem: *Peni-*]. Type genus: *Penia* Laporte, 1836.

### **Tribe HYPNOIDINI Schwarz, 1906 (1860)**

CRYPTOHYPNITES Candèze, 1860: 50 [stem: *Cryptohypn-*]. Type genus: *Cryptohypnus* Eschscholtz, 1830 [syn. of *Hypnoidus* Dillwyn, 1829]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 166, as CRYPTOHYPNI), generally accepted as in Burakowski et al. (1985: 214, as CRYPTOHYPNINAE); HYPNOIDINI Schwarz, 1906 conserved over this name (Art. 40.2).

HYPNOIDINI Schwarz, 1906: 150 [stem: *Hypnoid-*]. Type genus: *Hypnoidus* Dillwyn, 1829. Comment: name proposed to replace CRYPTOHYPNITES Candèze, 1860 because of the synonymy of the type genus; younger name conserved over CRYPTOHYPNINI Candèze, 1860 (Art. 40.2).

HYPOLITHINAE Fleutiaux, 1928: 252 [stem: *Hypolith-*]. Type genus: *Hypolithus* Eschscholtz, 1829. Comment: name proposed to replace CRYPTOHYPNITES Candèze, 1860 because of the synonymy of the type genus.

\*PRISAHYPINI Stibick, 1976: 197 [stem: *Prisahypn-*]. Type genus: *Prisahypnus* Stibick, 1979. Comment: unavailable family-group name, not based on available genus name; incorrect original stem formation, not in prevailing usage.

PRISAHYPINI Stibick, 1979: 166 [stem: *Prisahypn-*]. Type genus: *Prisahypnus* Stibick, 1979. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe PLEONOMINI Semenov and Pjatakova, 1936**

PLEONOMINI Semenov and Pjatakova, 1936: 103 [stem: *Pleonom-*]. Type genus: *Pleonomus* Ménétriés, 1849. Comment: name proposed after 1930 without

description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Stibick (1979: 176) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

**Tribe PROSTERNINI Gistel, 1856 *nomen protectum***

DIACANTHIDAE Gistel, 1848: [5] [stem: *Diacanth-*]. Type genus: *Diacanthus* Latreille, 1834 [syn. of *Selatosomus* Stephens, 1830]. Comment: *nomen oblitum* (see Appendix 1).

PROSTERNIDAE Gistel, 1856a: 367 [stem: *Prostern-*]. Type genus: *Prosternon* Latreille, 1834. Comment: *nomen protectum* (see Appendix 1).

CORYMBITINI J. L. LeConte, 1861: 169 [stem: *Corymbit-*]. Type genus: *Corymbites* Latreille, 1834 [syn. of *Ctenicera* Latreille, 1829].

CTENICERINA Jakobson, 1913: 736 [stem: *Ctenicer-*]. Type genus: *Ctenicera* Latreille, 1829. Comment: family-group name previously attributed to Fleutiaux (1936) in the literature; "CTENICERINI Fleutiaux, 1936" used as valid instead of PROSTERNINI Gistel, 1856 by Cate (2007: 33, 173).

CTENICERINAE Neboiss, 1956: 47 [stem: *Ctenicer-*]. Type genus: *Ctenicera* Latreille, 1829. Comment: name proposed to replace CORYMBITINAE J. L. LeConte, 1861 because of the synonymy of the type genus; family-group name proposed as new without reference to CTENICERINA Jakobson, 1913 or CTENICERINAE Fleutiaux, 1936.

**Tribe SENODONIINI Schenkling, 1927**

ALLOTRIITES Candèze, 1863: 225 [stem: *Allotri-*]. Type genus: *Allotrius* Laporte, 1840 [preoccupied genus name, not *Allotrius* Temminck, 1835 [Aves]; syn. of *Senodonia* Laporte, 1838]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1896: 489, as ALLOTRIINI), generally accepted as in Heyne and Taschenberg (1905: 163, as ALLOTRIINI); permanently invalid (Art. 39): based on preoccupied type genus.

SENODONIINAE Schenkling, 1927: 417 [stem: *Senodoni-*]. Type genus: *Senodonia* Laporte, 1838.

SENODONIINI Dolin, 2000: 19 [stem: *Senodoni-*]. Type genus: *Senodonia* Laporte, 1838. Comment: family-group name proposed as new without reference to SENODONIINAE Schenkling, 1927.

**Subfamily NEGASTRIINAE Nakane and Kishii, 1956**

NEGASTRIINAE Nakane and Kishii, 1956: 203 [stem: *Negastri-*]. Type genus: *Negastrius* C. G. Thomson, 1859.

**Tribe NEGASTRIINI Nakane and Kishii, 1956**

NEGASTRIINAE Nakane and Kishii, 1956: 203 [stem: *Negastri-*]. Type genus: *Negastrius* C. G. Thomson, 1859.



**Tribe QUASIMUSINI Schimmel and Tarnawski, 2009**

QUASIMUSINI Schimmel and Tarnawski, 2009: 17 [Stem: *Quasimus*-]. Type genus: *Quasimus* Gozis, 1886.

**Subtribe LOEBLIQUASIMUSINA Schimmel and Tarnawski, 2009**

LOEBLIQUASINA Schimmel and Tarnawski, 2009: 18 [Stem: *Loebliquas*-]. Type genus: *Loebliquasis* Dolin, 1997. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe QUASIMUSINA Schimmel and Tarnawski, 2009**

QUASIMUSINA Schimmel and Tarnawski, 2009: 19 [Stem: *Quasimus*-]. Type genus: *Quasimus* Gozis, 1886.

**Subtribe STRIATOQUASIMUSINA Schimmel and Tarnawski, 2009**

STRIATOQUASINA Schimmel and Tarnawski, 2009: 20 [Stem: *Striatoquasimus*-]. Type genus: *Striatoquasimus* Schimmel and Tarnawski, 2009. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe WITTMEROQUASIMUSINA Schimmel and Tarnawski, 2009**

WITTMEROQUASINA Schimmel and Tarnawski, 2009: 20 [Stem: *Wittmeroquasimus*-]. Type genus: *Wittmeroquasimus* Dolin, 1997. Comment: incorrect original stem formation, not in prevailing usage.

**Subfamily ELATERINAE Leach, 1815**

ELATERIDES Leach, 1815: 85 [stem: *Elater*-]. Type genus: *Elater* Linnaeus, 1758.

**Tribe AGRIOTINI Laporte, 1840**

AGRIOTITES Laporte, 1840a: 233 [stem: *Agriot*-]. Type genus: *Agriotes* Eschscholtz, 1829.

**Subtribe AGRIOTINA Laporte, 1840**

AGRIOTITES Laporte, 1840a: 233 [stem: *Agriot*-]. Type genus: *Agriotes* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1896: 511, as AGRIOTINI), generally accepted as in Hansen (1996: 143, as AGRIOTINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Agriotet*-).

**Subtribe CARDIORHININA Candèze, 1863**

CARDIORHINITES Candèze, 1863: 247 [stem: *Cardiorhin*-]. Type genus: *Cardiorhinus* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1896: 495, as CARDIORHINI), generally accepted as in Heyne and Taschenberg (1905: 164, as CARDIORHININI).

**Tribe AMPEDINI Gistel, 1848**

AMPEDIDAE Gistel, 1848: [5] [stem: *Amped-*]. Type genus: *Ampedus* Dejean, 1833.  
 Comment: family-group name previously attributed to Gistel (1856a: 367),  
 e.g., P. J. Johnson (2002b: 168).

**Tribe DICREPIDIINI Thomson, 1858**

DICREPIDIITAE J. Thomson, 1858: 75 [stem: *Dicrepidi-*]. Type genus: *Dicrepidius*  
 Eschscholtz, 1829.

**Tribe ELATERINI Leach, 1815**

ELATERIDES Leach, 1815: 85 [stem: *Elater-*]. Type genus: *Elater* Linnaeus, 1758.  
 ARNEIDAE Gistel, 1848: [6] [stem: *Arne-*]. Type genus: *Arneus* Gistel, 1848 [syn. of  
*Sericus* Eschscholtz, 1829].  
 STEATODERIDAE Gistel, 1848: [5] [stem: *Steatoder-*]. Type genus: *Steatoderus* De-  
 jean, 1833 [syn. of *Elater* Linnaeus, 1758].  
 AMPHILABRIDAE Gistel, 1856a: 367 [stem: *Amphilabr-*]. Type genus: *Amphilabris*  
 Gistel, 1834 [syn. of *Sericus* Eschscholtz, 1829].  
 LUDIIDES Lacordaire, 1857: 197 [stem: *Ludi-*]. Type genus: *Ludius* Berthold, 1827  
 [syn. of *Elater* Linnaeus, 1758]. Comment: original vernacular name avail-  
 able (Art. 11.7.2): first used in latinized form and generally accepted as in J.  
 L. LeConte (1861: 168, as LUDII); the junior homonym LUDIINI Aurivillius,  
 1904 (type genus *Ludia* Wallengren, 1865) in Lepidoptera: SATURNIIDAE was  
 replaced by MICRAGONINI Cockerell, 1914 (see Oberprieler 1997: 146).  
 HYPODÉSITES Candèze, 1863: 242 [stem: *Hypodese-*]. Type genus: *Hypodesis* La-  
 treille, 1834. Comment: original vernacular name available (Art. 11.7.2): first  
 used in latinized form by Champion (1896: 490, as HYPODESINI), generally  
 accepted as in Heyne and Taschenberg (1905: 164, as HYPODESINI); incorrect  
 original stem formation, not in prevailing usage.  
 SERICOSOMINA Hyslop, 1917: 258 [stem: *Sericosom-*]. Type genus: *Sericosomus* De-  
 jean, 1833 [syn. of *Sericus* Eschscholtz, 1829].  
 \*DOLEROSOMINI Dolin, 1975b: 1632 [stem: *Dolerosom-*]. Type genus: *Doleroso-*  
*mus* Motschulsky, 1859. Comment: unavailable family-group name, proposed  
 after 1930 without description or bibliographic reference to such a description  
 (Art. 13.1).

**Tribe MEGAPENTHINI Gurjeva, 1973**

MEGAPENTHINI Gurjeva, 1973: 448 [stem: *Megapenth-*]. Type genus: *Megapenthes*  
 Kiesenwetter, 1858.

**Tribe MELANOTINI Candèze, 1859 (1848)**

CRATONYCHIDAE Gistel, 1848: [5] [stem: *Cratonych-*]. Type genus: *Cratonychus*  
 Dejean, 1833 [syn. of *Melanotus* Eschscholtz, 1829]. Comment: use of MEL-  
 ANOTINI Candèze, 1859 converted over this name (Art. 40.2).

MÉLANOTITES Candèze, 1859: 4 [stem: *Melanot-*]. Type genus: *Melanotus* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 169, as MELANOTI), generally accepted as in Hansen (1996: 143, as MELANOTINI); name conserved over CRATONYCHINI Gistel, 1848 (Art. 40.2) (see Sánchez-Ruiz 1996: 167).

### Tribe ODONTONYCHINI Girard, 1973

ODONTONYCHINI Girard, 1973: 276 [stem: *Odontonych-*]. Type genus: *Odontonychus* Candèze, 1897.

### Tribe PHYSORHININI Candèze, 1859

PHYSORHINITES Candèze, 1859: 384 [stem: *Physorhin-*]. Type genus: *Physorhinus* Germar, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 167, as PHYSORHINI), generally accepted as in Burakowski et al. (1985: 114, as PHYSORHININAE).

### Tribe POMACHILIINI Candèze, 1859

POMACHILIITES Candèze, 1859: 4 [stem: *Pomachili-*]. Type genus: *Pomachilius* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1895: 402, as POMACHILIINI), generally accepted as in Burakowski et al. (1985: 131, as POMACHILIINAE).

### Tribe SYNAPTINI Gistel, 1856

DAIRAEIDAE Gistel, 1848: [5] [stem: *Dair-*]. Type genus: *Daira* Gistel, 1848 [pre-occupied genus name, not *Daira* Milne-Edwards, 1830 [Crustacea]; syn. of *Synaptus* Eschscholtz, 1829]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

SYNAPTIDAE Gistel, 1856a: 366 [stem: *Synapt-*]. Type genus: *Synaptus* Eschscholtz, 1829.

ADRASTITES Candèze, 1863: 448 [stem: *Adrast-*]. Type genus: *Adrastus* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1896: 533, as ADRASTINI), generally accepted as in Burakowski et al. (1985: 133, as ADRASTINAE).

### Subfamily CARDIOPHORINAE Candèze, 1859

CARDIOPHORITES Candèze, 1859: 4 [stem: *Cardiophor-*]. Type genus: *Cardiophorus* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 166, as CARDIOPHORI), generally accepted as in Burakowski et al. (1985: 227, as CARDIOPHORINAE).

APHRICI J. L. LeConte, 1861: 173 [stem: *Aphric-*]. Type genus: *Aphricus* J. L. LeConte, 1854.

APTOPINA Jakobson, 1913: 760 [stem: *Aptopod*-]. Type genus: *Aptopus* Eschscholtz, 1829. Comment: incorrect original stem formation, not in prevailing usage.

ESTHESOPINAE Fleutiaux, 1919: 76 [stem: *Esthesopod*-]. Type genus: *Esthesopus* Eschscholtz, 1829. Comment: incorrect original stem formation, not in prevailing usage.

NYCTORINI Semenov and Pjatakova, 1936: 102 [stem: *Nyctor*-]. Type genus: *Nyctor* Semenov and Pjatakova, 1936 [syn. of *Cardiophorus* Eschscholtz, 1829].

### **Subfamily HEMIOPINAE Fleutiaux, 1941**

HEMIOPINAE Fleutiaux, 1941: 31 [stem: *Hemiop*-]. Type genus: *Hemiops* Laporte, 1838.

### **Subfamily PHYSODACTYLINAE Lacordaire, 1857**

PHYSODACTYLIDES Lacordaire, 1857: 236 [stem: *Physodactyl*-]. Type genus: *Physodactylus* Fischer von Waldheim, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Fleutiaux (1892b: 404, as PHYSODACTYLINI), generally accepted as in Lawrence and Newton (1995: 855, as PHYSODACTYLINAE).

TOXOGNATHINAE Fleutiaux, 1941: 34 [stem: *Toxognath*-]. Type genus: *Toxognathus* Fairmaire, 1878.

### **Subfamily EUDICRONYCHINAE Girard, 1971**

DICRONYCHIDAE Schwarz, 1897: 11 [stem: *Dicronych*-]. Type genus: *Dicronychus* Laporte, 1840 [preoccupied genus name, not *Dicronychus* Brullé, 1832 [Coleoptera: ELATERIDAE: CARDIOPHORINAE]; syn. of *Eudicronychus* Méquignon, 1931]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

EUDICRONYCHINAE Girard, 1971: 645 [stem: *Eudicronych*-]. Type genus: *Eudicronychus* Méquignon, 1931. Comment: description by indication (distinguishing characters given in Schwarz (1907: 2, as DICRONYCHIDAE)).

### **Subfamily SUBPROTELATERINAE Fleutiaux, 1920**

SUBPROTELATERINAE Fleutiaux, 1920: 99 [stem: *Subprotelater*-]. Type genus: *Subprotelater* Fleutiaux, 1916.

### **Subfamily MOROSTOMATINAE Dolin, 2000**

MOROSTOMINAE Dolin, 2000: 18 [stem: *Morostomat*-]. Type genus: *Morostoma* Candèze, 1879. Comment: incorrect original stem formation, not in prevailing usage.

### **†Subfamily PROTAGRYPNINAE Dolin, 1973**

PROTAGRYPNINI Dolin, 1973: 74 [stem: *Protagryp*n-]. Type genus: *Protagryp*nus Dolin, 1973.

**†Tribe DESMATINI Dolin, 1975**

DESMATINI Dolin, 1975a: 60 [stem: *Desmat-*]. Type genus: *Desmatus* Dolin, 1975.

**†Tribe HYPNOMORPHINI Dolin, 1975**

HYPNOMORPHINI Dolin, 1975a: 54 [stem: *Hypnomorph-*]. Type genus: *Hypnomorphus* Dolin, 1975.

**†Tribe PROTAGRYPNINI Dolin, 1973**

PROTAGRYPNINI Dolin, 1973: 74 [stem: *Protagrypn-*]. Type genus: *Protagrypnus* Dolin, 1973.

**Family PLASTOCERIDAE Crowson, 1972**

PLASTOCERIDAE Crowson, 1972: 37, in key [stem: *Plastocer-*]. Type genus: *Plastocerus* Schaum, 1852. Comment: an application needs to be submitted to the Commission to suppress PLASTOCERI J. L. LeConte, 1861 (based on the misidentified type genus *Plastocerus* sensu J. L. LeConte, 1853) for the Principles of Priority and Homonymy (Art. 65.2.1) to conserve this name as valid.

**Family DRILIDAE Blanchard, 1845**

DRILITES Blanchard, 1845b: 53 [stem: *Dril-*]. Type genus: *Drilus* A. G. Olivier, 1790.

**Subfamily DRILINAE Blanchard, 1845**

DRILITES Blanchard, 1845b: 53 [stem: *Dril-*]. Type genus: *Drilus* A. G. Olivier, 1790. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gistel (1848: [11], as DRILIDAE), generally accepted as in Hansen (1996: 144, as DRILIDAE).

**Subfamily THILMANINAE Kazantsev, 2004**

THILMANINAE Kazantsev, 2004b: 240 [stem: *Thilman-*]. Type genus: *Thilmanus* Baudi di Selve, 1871. Comment: transferred from LYCIDAE by Bocák and Brlik (2008).

**Tribe EUANOMINI Kazantsev, 2010**

EUANOMINI Kazantsev, 2010a: 55 [stem: *Euanom-*]. Type genus: *Euanoma* Reitter, 1889.

**Tribe THILMANINI Kazantsev, 2004**

THILMANINAE Kazantsev, 2004b: 240 [stem: *Thilman-*]. Type genus: *Thilmanus* Baudi di Selve, 1871.

**Family OMALISIDAE Lacordaire, 1857**

\*HOMALISES Motschulsky, 1849: 55 [stem: *Omalis-*]. Type genus: *Omalisus* Geoffroy, 1762 [as *Homalisus*, unjustified emendation of type genus name by Illiger (1801: 139), not in prevailing usage; placed on the Official List of Generic Names in

Zoology (ICZN 1994a)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849).

HOMALISIDES Lacordaire, 1857: 303 [stem: *Omalis*-]. Type genus: *Omalisus* Geoffroy, 1762 [as *Homalisus*, unjustified emendation of type genus name by Illiger (1801: 139), not in prevailing usage; placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kiesenwetter (1860: 442, as HOMALISIDAE [incorrect stem formation]), generally accepted as in Lawrence and Newton (1995: 856, as OMALISIDAE); incorrect original stem formation, not in prevailing usage.

### †Family BERENDTIMIRIDAE Winkler, 1987

BERENDTIMIRIDAE J. R. Winkler, 1987: 52 [stem: *Berendtimir*-]. Type genus: *Berendtimirus* J. R. Winkler, 1987.

### Family LYCIDAE Laporte, 1836

LYCUSIDAE Laporte, 1836: 25 [stem: *Lyc*-]. Type genus: *Lycus* Fabricius, 1787.

### Subfamily LIBNETINAE Bocák and Bocáková, 1990

LIBNETININA Bocák and Bocáková, 1990: 652 [stem: *Libnet*-]. Type genus: *Libnetis* C. O. Waterhouse, 1878. Comment: incorrect original stem formation, not in prevailing usage.

### Subfamily DICTYOPTERINAE Houlbert, 1922

DICTYOPTERINI Houlbert, 1922a: 338 [stem: *Dictyopter*-]. Type genus: *Dictyoptera* Latreille, 1829.

### Tribe DICTYOPTERINI Houlbert, 1922

DICTYOPTERINI Houlbert, 1922a: 338 [stem: *Dictyopter*-]. Type genus: *Dictyoptera* Latreille, 1829. Comment: family-group name previously attributed to Kleine (1929: 226); although Houlbert (1922a) uses the tribe name LYCINI for a group of genera that includes *Dictyoptera* Latreille in the main text (page 240), this was certainly a mistake since the tribe name DICTYOPTERINI is correctly used in the “Index alphabétique” (page 319) and in the “Table systématique” (page 338).

### Tribe LYCOPROGENTHINI Bocák and Bocáková, 2008

LYCOPROGENTHINI Bocák and Bocáková, 2008: 709 [stem: *Lycoprogenth*-]. Type genus: *Lycoprogenthes* Pic, 1915.

### Tribe TAPHINI Bocák and Bocáková, 1990

TAPHININA Bocák and Bocáková, 1990: 650 [stem: *Taph*-]. Type genus: *Taphes* C. O. Waterhouse, 1878. Comment: incorrect original stem formation, not in prevailing usage.



**Subfamily LYROPAEINAE Bocák and Bocáková, 1989**

LYROPAEINI Bocák and Bocáková, 1989: 718 [stem: *Lyropae*-]. Type genus: *Lyropaeus* C. O. Waterhouse, 1878.

**Tribe ALYCULINI Bocák and Bocáková, 2008**

ALYCULINI Bocák and Bocáková, 2008: 710 [stem: *Alycul*-]. Type genus: *Alyculus* Kazantsev, 1999.

**Tribe ANTENNOLYCINI Bocák and Bocáková, 2008**

ANTENNOLYCINI Bocák and Bocáková, 2008: 710 [stem: *Antennolyc*-]. Type genus: *Antennolycus* Bocák and Bocáková, 1999.

**Tribe LYROPAEINI Bocák and Bocáková, 1989**

LYROPAEINI Bocák and Bocáková, 1989: 718 [stem: *Lyropae*-]. Type genus: *Lyropaeus* C. O. Waterhouse, 1878.

PARALYCINAE L. N. Medvedev and Kazantsev, 1992: 59 [stem: *Paralyc*-]. Type genus: *Paralycus* L. N. Medvedev and Kazantsev, 1992 [syn. of *Lyropaeus* C. O. Waterhouse, 1878].

**Tribe MINIDULITICOLINI Kazantsev, 2003**

MINIDULITICOLINI Kazantsev, 2003: 20 [stem: *Miniduliticol*-]. Type genus: *Miniduliticola* Kazantsev, 2003.

**Tribe PLATERODRILINI Kazantsev, 2004**

\*DULITICOLINAE Mjöberg, 1925: 140 [stem: *Duliticol*-]. Type genus: *Duliticola* Mjöberg, 1925 [syn. of *Platerodrilus* Pic, 1921]. Comment: unavailable family-group name (Art. 8.3): nomenclatural act disclaimed.

\*DULITICOLINAE Kazantsev, 2003: 19 [stem: *Duliticol*-]. Type genus: *Duliticola* Mjöberg, 1925 [syn. of *Platerodrilus* Pic, 1921]. Comment: family-group name proposed as a new taxon but unavailable (Art. 11.7.1.1) because it was based on a type genus which was considered a synonym of *Platerodrilus* Pic, 1921 by the author.

PLATERODRILINI Kazantsev, 2004b: 241 [stem: *Platerodril*-]. Type genus: *Platerodrilus* Pic, 1921.

**Subfamily ATELIINAE Kleine, 1929**

ATELINAE Kleine, 1929: 222 [stem: *Ateli*-]. Type genus: *Atelius* C. O. Waterhouse, 1878. Comment: First Revisers found (ATELIINAE Kleine, 1928 vs DILOPHOTINAE Kleine, 1928) are Bocák and Bocáková (2008: 712).

**Tribe ATELIINI Kleine, 1929**

ATELINAE Kleine, 1929: 222 [stem: *Ateli*-]. Type genus: *Atelius* C. O. Waterhouse, 1878. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe DILOPHOTINI Kleine, 1929**

DILOPHOTINAE Kleine, 1929: 222 [stem: *Dilophot-*]. Type genus: *Dilophotes* C. O. Waterhouse, 1879. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Dilophotet-*).

**Subfamily LYCINAE Laporte, 1836**

LYCUSIDAE Laporte, 1836: 25 [stem: *Lyc-*]. Type genus: *Lycus* Fabricius, 1787.

**Tribe CALOCHROMINI Lacordaire, 1857**

CALOCHROMIDES Lacordaire, 1857: 301 [stem: *Calochrom-*]. Type genus: *Calochromus* Guérin-Méneville, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gorham (1880: 1, as CALOCHROMINAE), generally accepted as in Hansen (1996: 144, as CALOCHROMINAE).

LYGISTOPTERI J. L. LeConte, 1881: 27 [stem: *Lygistopter-*]. Type genus: *Lygistopterus* Dejean, 1833.

**Tribe CALOPTERINI Green, 1949**

CALOPTERINI Green, 1949: 56, in key [stem: *Calopter-*]. Type genus: *Calopteron* Laporte, 1838.

**Subtribe ACROLEPTINA Bocáková, 2005**

ACROLEPTINA Bocáková, 2005: 445 [stem: *Acrolept-*]. Type genus: *Acroleptus* Bourgeois, 1886.

**Subtribe CALOPTERINA Green, 1949**

\*CALOPTERINI Kleine, 1933: 20 [stem: *Calopter-*]. Type genus: *Calopteron* Laporte, 1838. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

CALOPTERINI Green, 1949: 56, in key [stem: *Calopter-*]. Type genus: *Calopteron* Laporte, 1838.

**Tribe CONDERINI Bocák and Bocáková, 1990**

CONDERINI Bocák and Bocáková, 1990: 643 [stem: *Conder-*]. Type genus: *Conderis* C. O. Waterhouse, 1879. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Conderid-*).

**Tribe DIHAMMATINI Bocák and Bocáková, 2008**

DIHAMMATINI Bocák and Bocáková, 2008: 716 [stem: *Dihammat-*]. Type genus: *Dihammatus* C. O. Waterhouse, 1879.

**Tribe EROTINI LeConte, 1881**

EROTES J. L. LeConte, 1881: 23 [stem: *Erot-*]. Type genus: *Eros* Newman, 1838.

FLAGRAXINA Kazantsev, 2004a: 35, in key [stem: *Flagrax*]-. Type genus: *Flagrax* Kazantsev, 1992.

AFEROTINI Kazantsev, 2004a: 4 [stem: *Aferot*]-. Type genus: *Aferos* Kazantsev, 1992.

**Tribe EURRHACINI Bocáková, 2005**

EURRHACINA Bocáková, 2005: 444 [stem: *Eurrhac*]-. Type genus: *Eurrhacus* C. O. Waterhouse, 1879.

**Tribe LEPTOLYCINI Leng and Mutchler, 1922**

LEPTOLYCINI Leng and Mutchler, 1922: 430 [stem: *Leptolyc*]-. Type genus: *Leptolycus* Leng and Mutchler, 1922.

**Tribe LYCINI Laporte, 1836**

LYCUSIDAE Laporte, 1836: 25 [stem: *Lyc*]-. Type genus: *Lycus* Fabricius, 1787.  
Comment: incorrect original stem formation, not in prevailing usage.

**Tribe LYPONIINI Bocák and Bocáková, 1990**

LYPONIININA Bocák and Bocáková, 1990: 652 [stem: *Lyponi*]-. Type genus: *Lyponia* C. O. Waterhouse, 1878. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe MACROLYCINI Kleine, 1929**

MACROLYCINAE Kleine, 1929: 222 [stem: *Macrolyc*]-. Type genus: *Macrolycus* C. O. Waterhouse, 1878.

**Tribe MELANEROTINI Kazantsev, 2010**

MELANEROTINI Kazantsev, 2010b: 195 [stem: *Melanerot*]-. Type genus: *Melaneros* Fairmaire, 1877.

**Tribe METRIORRHYNCHINI Kleine, 1926**

METRIORRHYNCHINAE Kleine, 1926: 97 [stem: *Metriorrhynch*]-. Type genus: *Metriorrhynchus* Guérin-Méneville, 1838.

**Subtribe HEMICONDERININA Bocák and Bocáková, 1990**

HEMICONDERININA Bocák and Bocáková, 1990: 645 [stem: *Hemiconderin*]-. Type genus: *Hemiconderis* Kleine, 1926. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Hemiconderid*-).

**Subtribe METRIORRHYNCHINA Kleine, 1926**

METRIORRHYNCHINAE Kleine, 1926: 97 [stem: *Metriorrhynch*]-. Type genus: *Metriorrhynchus* Guérin-Méneville, 1838 [*Metriorrhynchus* is an incorrect subsequent spelling by Gemminger (1869: 1629) of the original name

*Metriorhynchus* in prevailing usage and so deemed to be the correct original spelling (Art. 33.3.1)]. Comment: First Reviser (METRIORRHYNCHINA Kleine, 1926 vs DILOLYCINA Kleine, 1926) not determined, current usage maintained.

DILOLYCINAE Kleine, 1926: 186 [stem: *Dilolyc-*]. Type genus: *Dilolycus* Kleine, 1926. Comment: one of the original spellings of this family-group name was HAPLOTHORACINAE on page 95 (based on the new genus *Haplothorax* Kleine), the spelling of the family-group and genus-group names were changed to DILOLYCINAE and *Dilolycus* on page 186 and in the “Corrigenda” on page 188 of the same work because *Haplothorax* Agassiz, 1846 (unjustified emendation of *Aplothorax* G. R. Waterhouse, 1841) was already available in CARABIDAE; DILOLYCINAE is therefore treated as the correct original spelling of this family-group name (Art. 19.2).

CLADOPHORINAE Kleine, 1929: 222 [stem: *Cladophor-*]. Type genus: *Cladophorus* Guérin-Ménéville, 1830.

### **Subtribe TRICHALINA Kleine, 1929**

TRICHALINAE Kleine, 1929: 222 [stem: *Trichal-*]. Type genus: *Trichalus* C. O. Waterhouse, 1877.

### **Tribe PLATERODINI Kleine, 1929**

PLATERODINAE Kleine, 1929: 222 [stem: *Platerod-*]. Type genus: *Plateros* Bourgeois, 1879. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Platerot-*) (see Kazantsev 2010c: 278).

### **Tribe SLIPINSKIINI Bocák and Bocáková, 1992**

SLIPINSKIININA Bocák and Bocáková, 1992: 256 [stem: *Slipinski-*]. Type genus: *Slipinskia* Bocák and Bocáková, 1992. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe THONALMINI Kleine, 1933**

THONALMINI Kleine, 1933: 18 [stem: *Thonalm-*]. Type genus: *Thonalmus* Bourgeois, 1883. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Blackwelder (1945: 343, as THONALMINI) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1) (see Bocák and Bocáková 2008: 717).

### **Subfamily DEXORINAE Bocák and Bocáková, 1989**

\*DEXORINI Kleine, 1933: 113 [stem: *Dexor-*]. Type genus: *Dexoris* C. O. Waterhouse, 1878. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

DEXORINAE Bocák and Bocáková, 1989: 718 [stem: *Dexor*-]. Type genus: *Dexoris* C. O. Waterhouse, 1878.

**Family TELEGEUSIDAE Leng, 1920**

TELEGEUSIDAE Leng, 1920: 152 [stem: *Telegeus*-]. Type genus: *Telegeusis* G. H. Horn, 1895. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Telegeuse*-).

**Family PHENGODIDAE LeConte, 1861**

PHENGODINI J. L. LeConte, 1861: 185 [stem: *Phengod*-]. Type genus: *Phengodes* Illiger, 1807.

**Subfamily PHENGODINAE LeConte, 1861**

PHENGODINI J. L. LeConte, 1861: 185 [stem: *Phengod*-]. Type genus: *Phengodes* Illiger, 1807.

PSEUDOPHENGODIDAE Pic, 1930: 319 [stem: *Pseudophengod*-]. Type genus: *Pseudophengodes* Pic, 1930.

**Subfamily MASTINOCERINAE LeConte, 1881**

MASTINOCERINI J. L. LeConte, 1881: 40 [stem: *Mastinocer*-]. Type genus: *Mastinocerus* Solier, 1849.

**Subfamily PENICILLOPHORINAE Paulus, 1975**

PENICILLOPHORINI Paulus, 1975: 80 [stem: *Penicillophor*-]. Type genus: *Penicillophorus* Paulus, 1975.

**Family RHAGOPHTHALMIDAE Olivier, 1907**

RHAGOPHTHALMIDAE E. Olivier, 1907: 63 [stem: *Rhagophthalm*-]. Type genus: *Rhagophthalmus* Motschulsky, 1853.

**Family LAMPYRIDAE Rafinesque, 1815**

LAMPYRIA Rafinesque, 1815: 110 [stem: *Lampyr*-]. Type genus: *Lampyris* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)].

**Subfamily PSILOCLADINAE McDermott, 1964**

PSILOCLADINA McDermott, 1964: 12, in key [stem: *Psiloclad*-]. Type genus: *Psilocladus* Blanchard, 1846.

CYPHONOCERINAE Crowson, 1972: 55, in key [stem: *Cyphonocer*-]. Type genus: *Cyphonocerus* Kiesenwetter, 1879.

**Subfamily AMYDETINAE Olivier, 1907**

AMYDETINI E. Olivier, 1907: 48 [stem: *Amydet*-]. Type genus: *Amydetes* Hoffmansegg, 1807.

**Tribe AMYDETINI Olivier, 1907**

AMYDETINI E. Olivier, 1907: 48 [stem: *Amydet-*]. Type genus: *Amydetes* Hoffmannsegg, 1807.

MEGALOPHTHALMINI E. Olivier, 1907: 46 [stem: *Megalophthalm-*]. Type genus: *Megalophthalmus* Gray, 1832 [preoccupied genus name, not *Megalophthalmus* Leach, 1830 [Crustacea]; syn. of *Magnoculus* McDermott, 1964]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

**Tribe VESTINI McDermott, 1964**

VESTINA McDermott, 1964: 12, in key [stem: *Vest-*]. Type genus: *Vesta* Laporte, 1833.

**Subfamily LAMPYRINAE Rafinesque, 1815**

LAMPYRIA Rafinesque, 1815: 110 [stem: *Lampyr-*]. Type genus: *Lampyris* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)].

**Tribe CRATOMORPHINI Green, 1948**

CRATOMORPHI Green, 1948: 68, in key [stem: *Cratomorph-*]. Type genus: *Cratomorphus* Motschulsky, 1853.

**Tribe LAMPROCERINI Olivier, 1907**

LAMPROCERINI E. Olivier, 1907: 7 [stem: *Lamprocer-*]. Type genus: *Lamprocera* Laporte, 1833.

**Tribe LAMPROHIZINI Kazantsev, 2010**

LAMPROHIZINI Kazantsev, 2010d: 189 [stem: *Lamprohiz-*]. Type genus: *Lamprohiza* Motschulsky, 1853.

**Tribe LAMPYRINI Rafinesque, 1815**

LAMPYRIA Rafinesque, 1815: 110 [stem: *Lampyr-*]. Type genus: *Lampyris* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)]. Comment: family-group name previously attributed to Latreille (1816: 236); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Lampyrid-*).

**Tribe LUCIDOTINI Lacordaire, 1857**

LUCIDOTIDES Lacordaire, 1857: 310 [stem: *Lucidot-*]. Type genus: *Lucidota* Laporte, 1833.

**Subtribe DADOPHORINA Olivier, 1907**

DADOPHORINI E. Olivier, 1907: 26 [stem: *Dadophor-*]. Type genus: *Dadophora* E. Olivier, 1907.



**Subtribe LAMPRIGERINA McDermott, 1964**

LAMPRIGERINA McDermott, 1964: 12, in key [stem: *Lampriger-*]. Type genus: *Lamprigera* Motschulsky, 1853.

**Subtribe LUCIDOTINA Lacordaire, 1857**

LUCIDOTIDES Lacordaire, 1857: 310 [stem: *Lucidot-*]. Type genus: *Lucidota* Laporte, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 184, as LUCIDOTAE), generally accepted as in Gorham (1881: 29, as LUCIDOTIDES [treated as Latin]).

PRISTOLYCINI J. R. Winkler, 1953: 409 [stem: *Pristolyc-*]. Type genus: *Pristolycus* Gorham, 1883.

PRISTOLYCINI Kazantsev, 2010d: 205 [stem: *Pristolyc-*]. Type genus: *Pristolycus* Gorham, 1883. Comment: name proposed as new without reference to PRISTOLYCINI J. R. Winkler, 1953.

**Subtribe PHOTININA LeConte, 1881**

\*PHOSPHAENAIRES Mulsant, 1862: 116 [stem: *Phosphaen-*]. Type genus: *Phosphaenus* Laporte, 1833. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant (1862).

PHOTINI J. L. LeConte, 1881: 30 [stem: *Photin-*]. Type genus: *Photinus* Laporte, 1833. Comment: incorrect original stem formation, not in prevailing usage; this name is a senior homonym of PHOTININAE Giglio-Tos, 1915 (type genus *Photina* Burmeister, 1838) in Mantodea; this case was submitted to the Commission to remove the homonymy by emending the stem of the mantid name (see Svenson and Branham 2007: 243).

PHOSPHAENIDES E. Olivier, 1884: 4 [stem: *Phosphaen-*]. Type genus: *Phosphaenus* Laporte, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Ganglbauer (1886: 280, as PHOSPHAENINI).

**Tribe PLEOTOMINI Summers, 1874**

PLEOTOMINI Summers, 1874: 91 [stem: *Pleotom-*]. Type genus: *Pleotomus* J. L. LeConte, 1861.

CALYPTOCEPHALINA Jakobson, 1911a: 667 [stem: *Calyptocephal-*]. Type genus: *Calyptocephalus* Gray, 1832.

PLEOTOMI Green, 1948: 68, in key [stem: *Pleotom-*]. Type genus: *Pleotomus* J. L. LeConte, 1861. Comment: family-group name proposed as new without reference to PLEOTOMINI Summers, 1874.

**Subfamily LUCIOLINAE Lacordaire, 1857**

LUCIOLIDES Lacordaire, 1857: 333 [stem: *Luciol-*]. Type genus: *Luciola* Laporte, 1833.

**Tribe CURTOSINI McDermott, 1964**

CURTOSINI McDermott, 1964: 47 [stem: *Curtos*-]. Type genus: *Curtos* Motschulsky, 1845. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Curt*-).

**Tribe LUCIOLINI Lacordaire, 1857**

LUCIOLIDES Lacordaire, 1857: 333 [stem: *Luciol*-]. Type genus: *Luciola* Laporte, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 184, as LUCIOLINI), generally accepted as in Lawrence and Newton (1995: 859, as LUCIOLINAE).

**Subfamily PHOTURINAE Lacordaire, 1857**

PHOTURIDES Lacordaire, 1857: 338 [stem: *Photur*-]. Type genus: *Photuris* J. L. LeConte, 1851. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1906: 177, as PHOTURINI), generally accepted as in Lawrence and Newton (1995: 859, as PHOTURINAE); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Photurid*-).

**LAMPYRIDAE *incertae sedis***

CHEGUEVARIINI Kazantsev, 2007: 370 [stem: *Cheguevari*-]. Type genus: *Cheguevaria* Kazantsev, 2007.

**Family OMETHIDAE LeConte, 1861**

OMETHES J. L. LeConte, 1861: 187 [stem: *Ometh*-]. Type genus: *Omethes* J. L. LeConte, 1861.

**Subfamily OMETHINAE LeConte, 1861**

OMETHES J. L. LeConte, 1861: 187 [stem: *Ometh*-]. Type genus: *Omethes* J. L. LeConte, 1861.

**Subfamily MATHETEINAE LeConte, 1881**

MATHETEI J. L. LeConte, 1881: 29 [stem: *Mathete*-]. Type genus: *Matheteus* J. L. LeConte, 1874.

**Subfamily DRILONIINAE Crowson, 1972**

DRILONIINAE Crowson, 1972: 58, in key [stem: *Driloni*-]. Type genus: *Drilonius* Kiesenwetter, 1874.

**Family CANTHARIDAE Imhoff, 1856 (1815)**

CANTHARIDAE Imhoff, 1856: [2] 69 [stem: *Canthar*-]. Type genus: *Cantharis* Linnaeus, 1758. Comment: this family-group name was used by many authors prior to Imhoff's usage, these were based on a the misidentified type genus *Cantharis* (syn.

of *Lytta* Fabricius, 1775) and are therefore not used as valid for this group (see Lawrence and Newton 1995:860); this case should be referred to the Commission to suppress any use of CANTHARIDAE prior to Imhoff (1856); usage of the younger name CANTHARIDAE Imhoff, 1856 over TELEPHORIDAE Leach, 1815 is conserved (Art. 40.2) (see Lawrence and Newton 1995: 860).

### **Subfamily CANTHARINAE Imhoff, 1856 (1815)**

CANTHARIDAE Imhoff, 1856: [2] 69 [stem: *Canthar-*]. Type genus: *Cantharis* Linnaeus, 1758. Comment: usage of the younger name over TELEPHORINAE Leach, 1815 is conserved (Art. 40.2) (see Lawrence and Newton 1995: 860).

### **Tribe CANTHARINI Imhoff, 1856 (1815)**

TELEPHORIDES Leach, 1815: 85 [stem: *Telephor-*]. Type genus: *Telephorus* Schaeffer, 1766 [syn. of *Cantharis* Linnaeus, 1758]. Comment: usage of CANTHARIDAE/-INAE/-INI over this name is conserved (Art. 40.2) (see Lawrence and Newton 1995: 860).

CANTHARIDAE Imhoff, 1856: [2] 69 [stem: *Canthar-*]. Type genus: *Cantharis* Linnaeus, 1758. Comment: usage of the younger name over TELEPHORINI Leach, 1815 is conserved (Art. 40.2) (see Lawrence and Newton 1995: 860); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Cantharid-*).

### **Tribe PODABRINI Gistel, 1856**

PODABRIDAE Gistel, 1856a: 385 [stem: *Podabr-*]. Type genus: *Podabrus* Dejean, 1833. Comment: family-group name attributed to J. L. LeConte (1881: 45) in recent literature although the same author had used the family-group name PODABRI twenty years earlier (J. L. LeConte, 1861: 188).

### **Subfamily SILINAE Mulsant, 1862**

SILIAIRES Mulsant, 1862: 342 [stem: *Sil-*]. Type genus: *Silis* Charpentier, 1825.

### **Tribe SILINI Mulsant, 1862**

SILIAIRES Mulsant, 1862: 342 [stem: *Sil-*]. Type genus: *Silis* Charpentier, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gorham (1881: 91, as SILINI), generally accepted as in Hansen (1996: 145, as SILINAE).

### **Tribe TYTTHONYXINI Arnett, 1962**

TYTTHONYINI Arnett, 1962a: 537 [stem: *Tytthonyx-*]. Type genus: *Tytthonyx* J. L. LeConte, 1851. Comment: spelling changed to TYTTHONYXINI by Wittmer (1970: 42); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Tytthonych-*).

**Subfamily DYSMORPHOCERINAE Brancucci, 1980**

DYSMORPHOCERINAE Brancucci, 1980: 292 [stem: *Dysmorphocer-*]. Type genus: *Dysmorphocerus* Solier, 1849.

**Subfamily MALTHININAE Kiesenwetter, 1852**

MALTHINEN Kiesenwetter, 1852: 239 [stem: *Malthin-*]. Type genus: *Malthinus* Latreille, 1806.

**Tribe MALCHININI Brancucci, 1980**

MALCHININI Brancucci, 1980: 313 [stem: *Malchin-*]. Type genus: *Malchinus* Kiesenwetter, 1863.

**Tribe MALTHININI Kiesenwetter, 1852**

MALTHINEN Kiesenwetter, 1852: 239 [stem: *Malthin-*]. Type genus: *Malthinus* Latreille, 1806. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 187, as MALTHINI), generally accepted as in Lawrence and Newton (1995: 860, as MALTHININAE); this family-group name was also used in the same year by Motschulsky (1852: 1, as MALTHINIDES) but this vernacular name is unavailable (Art. 11.7.2) because it is not generally attributed to Motschulsky (1852).

**Tribe MALTHODINI Böving and Craighead, 1931**

MALTHODINAE Böving and Craighead, 1931: 48, in key [stem: *Malthod-*]. Type genus: *Malthodes* Kiesenwetter, 1852.

MALTHODINI Brancucci, 1980: 307 [stem: *Malthod-*]. Type genus: *Malthodes* Kiesenwetter, 1852. Comment: family-group name proposed as new without reference to MALTHODINAE Böving and Craighead, 1931.

**Subfamily CHAULIOGNATHINAE LeConte, 1861**

CHAULIOGNATHINI J. L. LeConte, 1861: 186 [stem: *Chauliognath-*]. Type genus: *Chauliognathus* Hentz, 1829.

**Tribe CHAULIOGNATHINI LeConte, 1861**

CHAULIOGNATHINI J. L. LeConte, 1861: 186 [stem: *Chauliognath-*]. Type genus: *Chauliognathus* Hentz, 1829.

**Tribe ICHTHYURINI Champion, 1915**

ICHTHYURINI Champion, 1915: 128 [stem: *Ichthyur-*]. Type genus: *Ichthyurus* Westwood, 1848.

**Subfamily CYDISTINAE Paulus, 1972**

CYDISTINAE Paulus, 1972a: 48, in key [stem: *Cydist-*]. Type genus: *Cydistus* Bourgeois, 1885.

**Subfamily PTEROTINAE LeConte, 1861**

PTEROTINI J. L. LeConte, 1861: 185 [stem: *Pterot-*]. Type genus: *Pterotus* J. L. LeConte, 1859.

**Subfamily OTOTRETINAE McDermott, 1964**

OTOTRETINAE McDermott, 1964: 11, in key [stem: *Ototret-*]. Type genus: *Ototreta* E. Olivier, 1900 [syn. of *Drilaster* Kiesenwetter, 1879].

**Subfamily OTOTRETADRILINAE Crowson, 1972**

OTOTRETADRILINAE Crowson, 1972: 55, in key [stem: *Ototretadril-*]. Type genus: *Ototretadrilus* Pic, 1921.

**†Subfamily LASIOSYNIDAE Kirejtshuk, Chang, Ren and Kun, 2010**

LASIOSYNIDAE Kirejtshuk et al., 2010: 68 [stem: *Lasiosyn-*]. Type genus: *Lasiosyne* Tan et al., 2007.

**Series DERODONTIFORMIA****Superfamily DERODONTOIDEA LeConte, 1861**

DERODONTIDAE J. L. LeConte, 1861: 100 [stem: *Derodont-*]. Type genus: *Derodontus* J. L. LeConte, 1861. Comment: name conserved over NOSODENDROIDEA Erichson, 1846 (Art. 35.5).

**Family DERODONTIDAE LeConte, 1861**

DERODONTIDAE J. L. LeConte, 1861: 100 [stem: *Derodont-*]. Type genus: *Derodontus* J. L. LeConte, 1861. Comment: First Reviser found (DERODONTIDAE J. L. LeConte, 1861 vs PELTASTICIDAE J. L. LeConte, 1861) is Schenkling (1915: 3).

**Subfamily PELTASTICINAE LeConte, 1861**

PELTASTICIDAE J. L. LeConte, 1861: 88 [stem: *Peltastic-*]. Type genus: *Peltastica* Mannerheim, 1852.

**Subfamily DERODONTINAE LeConte, 1861**

DERODONTIDAE J. L. LeConte, 1861: 100 [stem: *Derodont-*]. Type genus: *Derodontus* J. L. LeConte, 1861.

**Subfamily LARICOBIIINAE Mulsant and Rey, 1864**

LARICOBIIENS Mulsant and Rey, 1864a: 374 [stem: *Laricobi-*]. Type genus: *Laricobius* Rosenhauer, 1846. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Ganglbauer (1899: 766, as LARICOBIIIDAE), generally accepted as in Hansen (1996: 146, as LARICOBIIINAE).

**Family NOSODENDRIDAE Erichson, 1846**

NOSODENDRINI Erichson, 1846: 465 [stem: *Nosodendr-*]. Type genus: *Nosodendron* Latreille, 1804.

**Family JACOBSONIIDAE Heller, 1926**

JACOBSONIIDAE Heller, 1926: 127 [stem: *Jacobsoni-*]. Type genus: *Jacobsonium* Heller, 1926 [syn. of *Sarothrias* Grouvelle, 1918].

SAROTHRIIDAE Crowson, 1955: 75 [stem: *Sarothri-*]. Type genus: *Sarothrias* Grouvelle, 1918. Comment: replacement name for JACOBSONIIDAE Heller, 1926 because of synonymy of the type genus.

DEROLATHRIINAE Sen Gupta, 1979: 692 [stem: *Derolathr-*]. Type genus: *Derolathrus* Sharp, 1900. Comment: incorrect original stem formation, not in prevailing usage.

**Series BOSTRICHIFORMIA****Superfamily BOSTRICHIDEA Latreille, 1802**

BOSTRICHINI Latreille, 1802: 202 [stem: *Bostrich-*]. Type genus: *Bostrichus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: First Reviser (BOSTRICHIDEA Latreille, 1802 vs PTINOIDEA Latreille, 1802) not determined, current usage maintained.

**Family DERMESTIDAE Latreille, 1804**

DERMESTINI Latreille, 1804c: 142 [stem: *Dermest-*]. Type genus: *Dermestes* Linnaeus, 1758.

**Subfamily DERMESTINAE Latreille, 1804**

DERMESTINI Latreille, 1804c: 142 [stem: *Dermest-*]. Type genus: *Dermestes* Linnaeus, 1758.

**Tribe DERMESTINI Latreille, 1804**

DERMESTINI Latreille, 1804c: 142 [stem: *Dermest-*]. Type genus: *Dermestes* Linnaeus, 1758. Comment: published 7 March 1804; this family-group name was also used in the same year by Latreille (1804a [between 19 August and 17 September]: 233, as DERMESTINI).

**Tribe MARIOUTINI Jakobson, 1913**

MARIOUTINI Jakobson, 1913: 826 [stem: *Mariout-*]. Type genus: *Mariouta* Pic, 1899.

RHOPALOSILPHINAE Arrow, 1929: 98 [stem: *Rhopalosilph-*]. Type genus: *Rhopalosilpha* Arrow, 1929. Comment: originally proposed as a subfamily of SILPHIDAE.



**Subfamily THORICTINAE Agassiz, 1846**

THORICTIDES Agassiz, 1846a: 162 [stem: *Thorict-*]. Type genus: *Thorictus* Germar, 1834.

**Tribe THAUMAPHRASTINI Anderson, 1949**

THAUMAPHRASTINAE W. H. Anderson, 1949: 127 [stem: *Thaumaphrast-*]. Type genus: *Thaumaphrastus* Blaisdell, 1927 [syn. of *Thorictodes* Reitter, 1875].

**Tribe THORICTINI Agassiz, 1846**

THORICTIDES Agassiz, 1846a: 162 [stem: *Thorict-*]. Type genus: *Thorictus* Germar, 1834.

**Subfamily ORPHILINAE LeConte, 1861**

ORPHILI J. L. LeConte, 1861: 109 [stem: *Orphil-*]. Type genus: *Orphilus* Erichson, 1846.

**Subfamily TRINODINAE Casey, 1900**

TRINODINI Casey, 1900: 139 [stem: *Trinod-*]. Type genus: *Trinodes* Dejean, 1821.

**†Tribe CRETONODINI Kirejtshuk and Azar, 2009**

CRETONODINI Kirejtshuk and Azar, 2009: 121 [stem: *Cretonod-*]. Type genus: *Cretonodes* Kirejtshuk and Azar, 2009.

**Tribe THYLODRIINI Semenov, 1909**

THELYDRIINI Semenov, 1909: xxv [stem: *Thylodri-*]. Type genus: *Thylodrias* Motschulsky, 1839 [as *Thelydrias*, unjustified emendation of type genus name by Agassiz (1846b: 370), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

TRICHELODINI Peacock, 1978: 344 [stem: *Trichelod-*]. Type genus: *Trichelodes* Carter, 1935.

**Tribe TRINODINI Casey, 1900**

TRINODINI Casey, 1900: 139 [stem: *Trinod-*]. Type genus: *Trinodes* Dejean, 1821.

**Tribe TRINOPARVINI Háva, 2010**

TRINOPARVINI Háva, 2010: 56 [stem: *Trinoparv-*]. Type genus: *Trinoparvus* Háva, 2004.

**Subfamily ATTAGENINAE Laporte, 1840**

ATTAGÉNITES Laporte, 1840b: 35 [stem: *Attagen-*]. Type genus: *Attagenus* Latreille, 1802.

**Tribe ATTAGENINI Laporte, 1840**

ATTAGÉNITES Laporte, 1840b: 35 [stem: *Attagen-*]. Type genus: *Attagenus* Latreille, 1802. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 108, as ATTAGENI), generally accepted as in Hansen (1996: 147, as ATTAGENINAE).

**Tribe EGIDYELLINI Semenov, 1914**

EPIDYELLINI Semenov, 1914: 15 [stem: *Egidyell-*]. Type genus: *Egidyella* Reitter, 1899 [as *Epidyella*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

**Subfamily MEGATOMINAE Leach, 1815**

MEGATOMIDA Leach, 1815: 94 [stem: *Megatom-*]. Type genus: *Megatoma* Herbst, 1791.

**Tribe ANTHRENINI Gistel, 1848**

ANTHRENIDAE Gistel, 1848: [5] [stem: *Anthren-*]. Type genus: *Anthrenus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

\*TROGODERMATES Mulsant and Rey, 1867a: 120 [stem: *Trogodermat-*]. Type genus: *Trogoderma* Dejean, 1821. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

**Tribe MEGATOMINI Leach, 1815**

MEGATOMIDA Leach, 1815: 94 [stem: *Megatom-*]. Type genus: *Megatoma* Herbst, 1791.

CTESIINI Rees, 1943: 12 [stem: *Ctesi-*]. Type genus: *Ctesias* Stephens, 1830.

**Family ENDECATOMIDAE LeConte, 1861**

ENDECATOMINI J. L. LeConte, 1861: 207 [stem: *Endecatom-*]. Type genus: *Endecatomus* Mellié, 1847.

**Family BOSTRICHIDAE Latreille, 1802**

BOSTRICHINI Latreille, 1802: 202 [stem: *Bostrich-*]. Type genus: *Bostrichus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

**Subfamily DYSIDINAE Lesne, 1921**

DYSIDIDAE Lesne, 1921b: 286 [stem: *Dysid-*]. Type genus: *Dysides* Perty, 1832.

APOLEONINAE Gardner, 1933: 3 [stem: *Apoleont-*]. Type genus: *Apoleon* Gorham, 1885.

Comment: incorrect original stem formation, not in prevailing usage.

**Subfamily POLYCAONINAE Lesne, 1896**

POLYCAONINAE Lesne, 1896: 96 [stem: *Polycaon*]. Type genus: *Polycaon* Laporte, 1836.

**Subfamily BOSTRICHINAE Latreille, 1802**

BOSTRICHINI Latreille, 1802: 202 [stem: *Bostrich*]. Type genus: *Bostrichus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

**Tribe APATINI Billberg, 1820**

APATIDES Billberg, 1820a: 47 [stem: *Apat*]. Type genus: *Apate* Fabricius, 1775 [*nomen protectum* (see Borowski and Węgrzynowicz 2009)]. Comment: this family-group name was also used in the same year by Billberg (1820b: 394, as APATIDES).

LIGNIPERDIDAE Jacobi, 1906: 139 [stem: *Ligniperd*]. Type genus: *Ligniperda* Pallas, 1772 [*nomen oblitum* (see Borowski and Węgrzynowicz 2009); syn. of *Apate* Fabricius, 1775].

CHILENIIDAE Lesne, 1921b: 287 [stem: *Chileni*]. Type genus: *Chilenius* Lesne, 1921.

BOSTRYCHOPSINI Lesne, 1921b: 288 [stem: *Bostrychopse*]. Type genus: *Bostrychopsis* Lesne, 1899 [syn. of *Apate* Fabricius, 1775]. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe BOSTRICHINI Latreille, 1802**

BOSTRICHINI Latreille, 1802: 202 [stem: *Bostrich*]. Type genus: *Bostrichus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

APATIDINI Bradley, 1930: 207, in key [stem: *Apatid*]. Type genus: *Apatides* Casey, 1898.

LICHENOPHANINI Portevin, 1931: 470, in key [stem: *Lichenophan*]. Type genus: *Lichenophanes* Lesne, 1899.

**Tribe DINAPATINI Lesne, 1910**

DINAPATINAE Lesne, 1910: 471 [stem: *Dinapat*]. Type genus: *Dinapate* G. H. Horn, 1886.

**Tribe SINOXYLINI Marseul, 1857**

SINOXYLIDAE Marseul, 1857a: 107 [stem: *Sinoxyl*]. Type genus: *Sinoxylon* Duftschmid, 1825.

**Tribe XYLOPERTHINI Lesne, 1921**

XYLOPERTHINI Lesne, 1921b: 288 [stem: *Xyloperth*]. Type genus: *Xylopertha* Guérin-Méneville, 1845.

**Subfamily PSOINAE Blanchard, 1851**

PSOITAS Blanchard, 1851b: 434 [stem: *Pso*]. Type genus: *Psoa* Herbst, 1797. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J.

L. LeConte (1861: 208, as PSOINI), generally accepted as in Ivie (2002: 241, as PSOINAE).

**Subfamily DINODERINAE Thomson, 1863**

DINODERINA C. G. Thomson, 1863: 201 [stem: *Dinoder-*]. Type genus: *Dinoderus* Stephens, 1830.

**Subfamily LYCTINAE Billberg, 1820**

LYCTIDES Billberg, 1820a: 48 [stem: *Lyct-*]. Type genus: *Lyctus* Fabricius, 1792.

**Tribe LYCTINI Billberg, 1820**

LYCTIDES Billberg, 1820a: 48 [stem: *Lyct-*]. Type genus: *Lyctus* Fabricius, 1792.

**Tribe TROGOXYLINI Lesne, 1921**

TROGOXYLINI Lesne, 1921a: 231 [stem: *Trogoxyl-*]. Type genus: *Trogoxylon* J. L. LeConte, 1862.

TRISTARIINI Lesne, 1921b: 287 [stem: *Tristari-*]. Type genus: *Tristaria* Reitter, 1878.

**Subfamily EUDERIINAE Lesne, 1934**

EUDERIITAE Lesne, 1934: 392 [stem: *Euderi-*]. Type genus: *Euderia* Broun, 1880.

**Family PTINIDAE Latreille, 1802**

PTINIORES Latreille, 1802: 112 [stem: *Ptin-*]. Type genus: *Ptinus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology (ICZN 1995a)]. Comment: PTINIDAE Latreille, 1802 placed on the Official List of Family-Group Names in Zoology (ICZN 1995a); several subfamilies in PTINIDAE contain tribes introduced in the literature by R. E. White (1982), those tribal names were not described originally and have not been made available subsequently; although some of White's tribes have been used as available and valid names recently, e.g., Zahradník (2007), they are not available; in subfamilies containing tribes first proposed by R. E. White (1982), we have decided not to use tribal names at all in order to avoid adding to the confusion, the necessary phylogenetic work needed to establish a meaningful tribal classification in those subfamilies is currently under way (K. Philips pers. comm. 2009).

**Subfamily EUCRADINAE LeConte, 1861**

EUCRADINI J. L. LeConte, 1861: 202 [stem: *Eucrad-*]. Type genus: *Eucrada* J. L. LeConte, 1861.

**Tribe EUCRADINI LeConte, 1861**

EUCRADINI J. L. LeConte, 1861: 202 [stem: *Eucrad-*]. Type genus: *Eucrada* J. L. LeConte, 1861.

**Tribe HEDOBIIINI Mulsant and Rey, 1868**

HÉDOBIAIRES Mulsant and Rey, 1868b: 23 [stem: *Hedobi-*]. Type genus: *Hedobia* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1889 [Gatt.]: 116, as HEDOBIIINI), generally accepted as in Philips (2002: 254, as HEDOBIIINI).

**Subfamily PTININAE Latreille, 1802**

PTINIORES Latreille, 1802: 112 [stem: *Ptin-*]. Type genus: *Ptinus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology (ICZN 1995a)]. Comment: PTINIDAE Latreille, 1802 placed on the Official List of Family-Group Names in Zoology (ICZN 1995a).

**Tribe GIBBIINI Jacquelin du Val, 1860**

GIBBIITES Jacquelin du Val, 1860: 211 [stem: *Gibbi-*]. Type genus: *Gibbium* Scopolio, 1777. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kiesenwetter (1877: 44, as GIBBIINI), generally accepted as in Bellés (1985: 13, as GIBBIINAE).

**Tribe MEZIINI Bellés, 1985**

MEZIINI Bellés, 1985: 37, in key [stem: *Mezi-*]. Type genus: *Mezium* Curtis, 1828.

**Tribe PTININI Latreille, 1802**

PTINIORES Latreille, 1802: 112 [stem: *Ptin-*]. Type genus: *Ptinus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology (ICZN 1995a)]. Comment: PTINIDAE Latreille, 1802 placed on the Official List of Family-Group Names in Zoology (ICZN 1995a).

**Tribe SPHAERICINI Portevin, 1931**

SPHAERICINI Portevin, 1931: 494 [stem: *Sphaeric-*]. Type genus: *Sphaericus* Wollaston, 1854.

**PTININAE *incertae sedis***

GNOSTIDAE Gemminger and Harold, 1868: 700 [stem: *Gnost-*]. Type genus: *Gnostus* Westwood, 1855.

ECTREPHIDAE Wasmann, 1894: 121 [stem: *Ectreph-*]. Type genus: *Ectrephes* Pascoe, 1866.

**Subfamily DRYOPHILINAE Gistel, 1848**

DRYOPHILIDAE Gistel, 1848: [6] [stem: *Dryophil-*]. Type genus: *Dryophilus* Chevrolat, 1832.

**Tribe DRYOPHILINI Gistel, 1848**

DRYOPHILIDAE Gistel, 1848: [6] [stem: *Dryophil-*]. Type genus: *Dryophilus* Chevrolat, 1832. Comment: family-group name previously attributed to J. L. LeConte (1861: 205) in the literature.

DRYOBIAE Gistel, 1856a: 368 [stem: *Dryobi-*]. Type genus: *Dryobia* Gistel, 1856 [syn. of *Dryophilus* Chevrolat, 1832]. Comment: senior homonym of DRYOBIINI Arnett, 1962 (type genus *Dryobius* J. L. LeConte, 1850) used as valid in CERAMBYCIDAE; *nomen oblitum* (see Bousquet et al. 2009: 45); incorrect original stem formation, not in prevailing usage.

### Tribe PTILINEURINI Böving, 1927

PTILINEURINI Böving, 1927a: 56 [stem: *Ptilineur-*]. Type genus: *Ptilineurus* Reitter, 1901.

### Subfamily ERNOBIINAE Pic, 1912

COSMOCEROIDEOS Solier, 1849: 476 [stem: *Cosmocer-*]. Type genus: *Cosmocerus* Solier, 1849 [preoccupied genus name, not *Cosmocerus* Guérin-Méneville, 1844 [Coleoptera: CERAMBYCIDAE]; syn. of *Cerocosmus* Gemminger, 1873]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; Lawrence and Newton (1995: 864) used the latinized form COSMOCERINAE and treated Solier's name as available therefore we treat this name as available but permanently invalid.

ERNOBIINAE Pic, 1912: 12 [stem: *Ernobi-*]. Type genus: *Ernobius* C. G. Thomson, 1859. Comment: First Reviser found (ERNOBIINAE Pic, 1912 vs CEROCOSMINAE Pic, 1912) is White (1974: 419).

CEROCOSMINAE Pic, 1912: 45 [stem: *Cerocosm-*]. Type genus: *Cerocosmus* Gemminger, 1873.

XESTOBIINI Böving, 1927a: 56 [stem: *Xestobi-*]. Type genus: *Xestobium* Motschulsky, 1845.

\*OZOGNATHINI R. E. White, 1982: 2 [stem: *Ozognath-*]. Type genus: *Ozognathus* J. L. LeConte, 1861. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### Subfamily ANOBIINAE Fleming, 1821

ANOBIUMEDAE Fleming, 1821: 50 [stem: *Anobi-*]. Type genus: *Anobium* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1976)]. Comment: incorrect original stem formation, not in prevailing usage.

\*EUCERATOCERINI R. E. White, 1982: 7 [stem: *Euceratocer-*]. Type genus: *Euceratocerus* J. L. LeConte, 1874. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*COLPOSTERNINI R. E. White, 1982: 9 [stem: *Colpostern-*]. Type genus: *Colposternus* Fall, 1905. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*GASTRALLINI R. E. White, 1982: 9 [stem: *Gastrall-*]. Type genus: *Gastrallus* Jacquelin du Val, 1860. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*HADROBREGMINI R. E. White, 1982: 15 [stem: *Hadrobregm-*]. Type genus: *Hadrobregmus* C. G. Thomson, 1859. Comment: unavailable family-group name,



proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*NICOBINI R. E. White, 1982: 10 [stem: *Nicobi-*]. Type genus: *Nicobium* J. L. LeConte, 1861. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*STEGOBIINI R. E. White, 1982: 11 [stem: *Stegobi-*]. Type genus: *Stegobium* Motschulsky, 1860. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### **Subfamily PTILININAE Shuckard, 1839**

PTILINIDAE Shuckard, 1839b: 45 [stem: *Ptilin-*]. Type genus: *Ptilinus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

SCLERASTEIDAE Gistel, 1856a: 368 [stem: *Sclerast-*]. Type genus: *Sclerastes* Gistel, 1856 [this genus originally included “*pectinicornis*” and “*costatus* Gy”, we here chose *Ptilinus costatus* Gyllenhal, 1827 as the type of *Sclerastes*; **syn. nov.** of *Ptilinus* Geoffroy, 1762]. Comment: **syn. nov.**; incorrect original stem formation, not in prevailing usage.

### **Subfamily ALVARENGANIELLINAE Viana and Martínez, 1971**

ALVARENGANIELLINAE Viana and Martínez, 1971: 121 [stem: *Alvarenganiell-*]. Type genus: *Alvarenganiella* Viana and Martínez, 1971.

### **Subfamily Xyletininae Gistel, 1848**

Xyletinidae Gistel, 1848: [6] [stem: *Xyletin-*]. Type genus: *Xyletinus* Latreille, 1810 [placed on the Official List of Generic Names in Zoology (ICZN 1971)].

### **Tribe LASIODERMINI Böving, 1927**

LASIODERMINI Böving, 1927a: 56 [stem: *Lasioderm-*]. Type genus: *Lasioderma* Stephens, 1835. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Lasiodermat-*).

### **Tribe METHOLCINI Zahradník, 2009**

METHOLCINI Zahradník, 2009: 180 [stem: *Metholc-*]. Type genus: *Metholcus* Jacquelin du Val, 1860.

### **Tribe Xyletinini Gistel, 1848**

Xyletinidae Gistel, 1848: [6] [stem: *Xyletin-*]. Type genus: *Xyletinus* Latreille, 1810 [placed on the Official List of Generic Names in Zoology (ICZN 1971)].

Vrilettini Böving, 1927a: 56 [stem: *Vrillett-*]. Type genus: *Vrilletta* J. L. LeConte, 1874. Comment: incorrect original stem formation, not in prevailing usage.

### **Subfamily DORCATOMINAE Thomson, 1859**

DORCATOMINA C. G. Thomson, 1859: 90 [stem: *Dorcatom-*]. Type genus: *Dorcatoma* Herbst, 1791 [the original spelling *Dorkatoma* was placed on the Official Index

of Rejected and Suppressed Generic Names in Zoology, *Dorcatoma* was chosen as correct original spelling and placed on the Official List of Generic Names in Zoology (ICZN 1995b)].

CAENOCARINI Böving, 1927a: 57 [stem: *Caenocar-*]. Type genus: *Caenocara* C. G. Thomson, 1859. Comment: also misspelled as COENECARINI (page 56) in the original publication.

\*CALYMMADERINI R. E. White, 1982: 22 [stem: *Calymmader-*]. Type genus: *Calymmaderus* Solier, 1849. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*CRYPTORAMORPHINI R. E. White, 1982: 25 [stem: *Cryptoramorph-*]. Type genus: *Cryptoramorphus* R. E. White, 1966. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*PETALIINI R. E. White, 1982: 23 [stem: *Petali-*]. Type genus: *Petalium* J. L. LeConte, 1861. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); the tribe PETALIINI Tillyard, 1917 in Odonata (type genus *Petalia* Hagen, 1854, a junior homonym of *Petalia* Gray, 1838 [Mammalia]) is available but permanently invalid because it is based on a preoccupied type genus.

\*PROTHECINI R. E. White, 1982: 25 [stem: *Prothec-*]. Type genus: *Protheca* J. L. LeConte, 1865. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### **Subfamily MESOCOELOPODINAE Mulsant and Rey, 1864**

MÉSOCOELOPAIRES Mulsant and Rey, 1864b: 311 [stem: *Mesocoelopod-*]. Type genus: *Mesocoelopus* Jacquelin du Val, 1860.

### **Tribe TRICORYNINI White, 1971**

TRICORYNINAE R. E. White, 1971: 1301 [stem: *Tricoryn-*]. Type genus: *Tricorynus* G. R. Waterhouse, 1849.

### **Tribe MESOCOELOPODINI Mulsant and Rey, 1864**

MÉSOCOELOPAIRES Mulsant and Rey, 1864b: 311 [stem: *Mesocoelopod-*]. Type genus: *Mesocoelopus* Jacquelin du Val, 1860. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kiesenwetter (1877: 153, as MESOCOELOPINI [incorrect stem formation]), generally accepted as in Philips (2002: 258, as MESOCOELOPODINAE); incorrect original stem formation, not in prevailing usage.

MESOTHINI Portevin, 1931: 489 [stem: *Mesothet-*]. Type genus: *Mesotheres* Mulsant and Rey, 1864. Comment: incorrect original stem formation, not in prevailing usage.

**PTINIDAE *incertae sedis***

FABIINAE Martínez and Viana, 1964: 7 [stem: *Fabi-*]. Type genus: *Fabia* Martínez and Viana, 1964.

**Series CUCUJIFORMIA****Superfamily LYMEXYLOIDEA Fleming, 1821**

LYMOXYLONIDAE Fleming, 1821: 49 [stem: *Lymexyl-*]. Type genus: *Lymexylon* Fabricius, 1775. Comment: LYMEXYLOIDEA given precedence for superfamily name over HYLECOETOIDEA Germar, 1818 (Art. 35.5).

**Family LYMEXYLIDAE Fleming, 1821**

LYMOXYLONIDAE Fleming, 1821: 49 [stem: *Lymexyl-*]. Type genus: *Lymexylon* Fabricius, 1775. Comment: LYMEXYLIDAE given precedence for family name over HYLECOETIDAE Germar, 1818 (Art. 35.5).

**Subfamily HYLECOETINAE Germar, 1818**

HYLECOETI Germar, 1818: 344 [stem: *Hylecoet-*]. Type genus: *Hylecoetus* Latreille, 1806. Comment: name previously attributed to Gistel (1856a).

**Subfamily LYMEXYLINAE Fleming, 1821**

LYMOXYLONIDAE Fleming, 1821: 49 [stem: *Lymexyl-*]. Type genus: *Lymexylon* Fabricius, 1775 [as *Lymoxylon*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: published in July 1821; incorrect original stem formation, not in prevailing usage; this family-group name was also used in the same year by Fischer von Waldheim (1821 [“31 December”]: 37, as LYMEXYLA).

**Subfamily ATRACTOCERINAE Laporte, 1840**

ATRACTOCÉRITES Laporte, 1840a: 290 [stem: *Atractocer-*]. Type genus: *Atractocerus* Palisot de Beauvois, 1802. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Brues and Melander (1932: 23, as ATRACTOCERIDAE), generally accepted as in Cuccodoro (2007: 363, as ATRACTOCERINAE).

**Subfamily MELITTOMMATINAE Wheeler, 1986**

MELITTOMMINAE Q. D. Wheeler, 1986: 160 [stem: *Melittommat-*]. Type genus: *Melittomma* Murray, 1867. Comment: incorrect original stem formation, not in prevailing usage.

**Superfamily CLEROIDEA Latreille, 1802**

CLERII Latreille, 1802: 110 [stem: *Cler-*]. Type genus: *Clerus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)]. Comment:

First Reviser (CLEROIDEA Latreille, 1802 vs TROGOSSITOIDEA Latreille, 1802) not determined, current usage maintained.

**Family PHLOIOPHILIDAE Kiesenwetter, 1863**

PHLOEOPHILINI Kiesenwetter, 1863: 626, in key [stem: *Phloiophil-*]. Type genus: *Phloiophilus* Stephens, 1830 [as *Phloeophilus*, unjustified emendation of type genus name by Agassiz (1846b: 286), not in prevailing usage; *Phloeophilus* Agassiz, 1846 is a junior homonym of *Phloeophilus* Schönherr, 1833 [Coleoptera: ANTHRIBIDAE]]. Comment: incorrect original stem formation, not in prevailing usage; using the original spelling would place PHLOEOPHILINI Lacordaire, 1865 [Coleoptera: ANTHRIBIDAE] into homonymy with this name.

**Family TROGOSSITIDAE Latreille, 1802**

TROGOSSITARIИ Latreille, 1802: 159 [stem: *Trogossit-*]. Type genus: *Trogossita* A. G. Olivier, 1790 [syn. of *Tenebroides* Piller and Mitterpacher, 1783].

**Subfamily PELTINAE Latreille, 1806**

PELTIDES Latreille, 1806: 8 [stem: *Pelt-*]. Type genus: *Peltis* Kugelann, 1792 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

**Tribe ANCYRONINI Kolibáč, 2006**

ANCYRONINI Kolibáč, 2006: 127 [stem: *Ancyron-*]. Type genus: *Ancyrona* Reitter, 1876.

**Tribe COLYDIOPELTINI Kolibáč, 2006**

COLYDIOPELTINI Kolibáč, 2006: 126 [stem: *Colydiopelt-*]. Type genus: *Colydiopeltis* Ślipiński, 1992.

**Tribe DECAMERINI Crowson, 1964**

DECAMERINAE Crowson, 1964: 287 [stem: *Decamer-*]. Type genus: *Decamerus* Solier, 1849.

**Tribe LOPHOCATERINI Crowson, 1964 *nomen protectum***

LYCOPTINI Casey, 1890: 311 [stem: *Lycopt-*]. Type genus: *Lycoptis* Casey, 1890. Comment: *nomen oblitum* (see Appendix 1).

LOPHOCATERINAE Crowson, 1964: 297 [stem: *Lophocater-*]. Type genus: *Lophocateres* Olliff, 1883. Comment: *nomen protectum* (see Appendix 1).

**Tribe PELTINI Latreille, 1806**

PELTIDES Latreille, 1806: 8 [stem: *Pelt-*]. Type genus: *Peltis* Kugelann, 1792 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: name previously attributed to Kirby (1837).

OSTOMINI Harold, 1876: 169 [stem: *Ostomat*-]. Type genus: *Ostoma* Laicharting, 1781. Comment: incorrect original stem formation, not in prevailing usage.

### Tribe THYMALINI Lèveillé, 1888

\*THYMALITES Blanchard, 1845a: 277 [stem: *Thymal*-]. Type genus: *Thymalus* Latreille, 1802. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1845a).

THYMALINI Lèveillé, 1888: 444 [stem: *Thymal*-]. Type genus: *Thymalus* Latreille, 1802.

RENTONIINAE Crowson, 1966: 120 [stem: *Rentoni*-]. Type genus: *Rentonium* Crowson, 1966.

PROTOPELTINI Crowson, 1966: 120 [stem: *Protopelt*-]. Type genus: *Protopeltis* Crowson, 1964.

†MELIGETHIELLINAE Kirejtshuk and Ponomarenko, 1990: 79 [stem: *Meligethiell*-]. Type genus: *Meligethiella* L. N. Medvedev, 1969.

### Subfamily TROGOSSITINAE Latreille, 1802

TROGOSSITARI Latreille, 1802: 159 [stem: *Trogossit*-]. Type genus: *Trogossita* A. G. Olivier, 1790 [syn. of *Tenebroides* Piller and Mitterpacher, 1783].

### Tribe CALITYINI Reitter, 1922

CALITYNI Reitter, 1922a: 66 [stem: *Cality*-]. Type genus: *Calitys* C. G. Thomson, 1859. Comment: incorrect original stem formation, not in prevailing usage.

### Tribe EGOLIINI Lacordaire, 1854

ÉGOLIIDES Lacordaire, 1854b: 334 [stem: *Egoli*-]. Type genus: *Egolia* Erichson, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Ganglbauer (1899: 419, as EGOLIIDES [treated as Latin]), generally accepted as in Kolibáč (2006: 119, as EGOLIINI).

### Tribe GYMNOCHILINI Lacordaire, 1854

GYMNOCHILIDES Lacordaire, 1854b: 344 [stem: *Gymnochil*-]. Type genus: *Gymnochila* Klug, 1844. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1858: 43, as GYMNOCHILITAE), generally accepted as in Burakowski et al. (1986: 118, as GYMNOCHILINAE).

LEPERINI Reitter, 1876a: 55 [stem: *Leperin*-]. Type genus: *Leperina* Erichson, 1844. Comment: incorrect original stem formation, not in prevailing usage.

### Tribe LARINOTINI Ślipiński, 1992

LARINOTINAE Ślipiński, 1992: 443 [stem: *Larinot*-]. Type genus: *Larinotus* Carter and Zeck, 1937.

†**Tribe LITHOSTOMATINI Kolibáč and Huang, 2008**

LITHOSTOMINI Kolibáč and Huang, 2008: 142 [stem: *Lithostomat-*]. Type genus: *Lithostoma* Martynov, 1926. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe TROGOSSITINI Latreille, 1802**

TROGOSSITARIИ Latreille, 1802: 159 [stem: *Trogossit-*]. Type genus: *Trogossita* A. G. Olivier, 1790 [syn. of *Tenebroides* Piller and Mitterpacher, 1783].

NEMOSOMIDA Leach, 1815: 110 [stem: *Nemosomat-*]. Type genus: *Nemosoma* Latreille, 1804 [as *Nemosoma*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

TEMNOCHILINI Lèveillé, 1888: 432 [stem: *Temnoscheil-*]. Type genus: *Temnoscheila* Westwood, 1830 [as *Temnochila*, unjustified emendation of type genus name by Erichson (1844: 449), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

TENEBRIOIDINI Ganglbauer, 1899: 420 [stem: *Tenebroid-*]. Type genus: *Tenebroides* Piller and Mitterpacher, 1783 [as *Tenebrioides*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

**Family CHAETOSOMATIDAE Crowson, 1952**

CHAETOSOMATIDAE Crowson, 1952: 66 [stem: *Chaetosomat-*]. Type genus: *Chaetosoma* Westwood, 1851 [this genus is a junior homonym of *Chaetosoma* Chevrolat, 1843 in CERAMBYCIDAE; *Chaetosoma* Chevrolat, 1843 is also a senior objective synonym of the well-established name *Apodasya* Pascoe, 1863]. Comment: this name is a junior homonym of CHAETOSOMATIDAE Claus, 1872 (type genus *Chaetosoma* Claparède, 1863, which is a junior homonym of *Chaetosoma* Westwood, 1851) in Nematoda; the nematode family-group name is permanently invalid (Art. 39) because it is based on a junior homonym, the valid name for this nematode family is DRACONEMATIDAE Filipjev, 1918; furthermore, the type genus of CHAETOSOMATIDAE Crowson is a junior homonym of *Chaetosoma* Chevrolat, 1843 in Cerambycidae; an application was recently submitted by Bousquet and Bouchard (2010) to suppress *Chaetosoma* Chevrolat, 1843 for the Principles of Priority and Homonymy and CHAETOSOMATIDAE Claus, 1872 for the Principle of Priority, therefore conserving the names CHAETOSOMATIDAE Crowson and *Chaetosoma* Westwood (see Appendix 6).

**Family METAXINIDAE Kolibáč, 2004**

METAXINIDAE Kolibáč, 2004: 247 [stem: *Metaxin-*]. Type genus: *Metaxina* Broun, 1909.



**Family THANEROCLERIDAE Chapin, 1924**

THANEROCLERINAE Chapin, 1924: 251 [stem: *Thanerocler-*]. Type genus: *Thaneroclerus* Westwood, 1838.

**Subfamily ZENODOSINAE Kolibáč, 1992**

ZENODOSINI Kolibáč, 1992: 307 [stem: *Zenodos-*]. Type genus: *Zenodosus* Wolcott, 1910.

**Subfamily THANEROCLERINAE Chapin, 1924**

THANEROCLERINAE Chapin, 1924: 251 [stem: *Thanerocler-*]. Type genus: *Thaneroclerus* Westwood, 1838.

**Tribe ISOCLERINI Kolibáč, 1992**

ISOCLERINA Kolibáč, 1992: 315 [stem: *Isocler-*]. Type genus: *Isoclerus* Lewis, 1892.

**Tribe THANEROCLERINI Chapin, 1924**

THANEROCLERINAE Chapin, 1924: 251 [stem: *Thanerocler-*]. Type genus: *Thaneroclerus* Westwood, 1838.

**Tribe VITICLERINI Winkler, 1982**

VITICLERINI J. R. Winkler, 1982: 529, in key [stem: *Viticler-*]. Type genus: *Viticlerus* Miyatake, 1977.

**Family CLERIDAE Latreille, 1802**

CLERII Latreille, 1802: 110 [stem: *Cler-*]. Type genus: *Clerus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)]. Comment: see Opitz (2010) for an alternative subfamilial classification within this family.

**Subfamily TILLINAE Fischer von Waldheim, 1813**

TILLII Fischer von Waldheim, 1813: 232 [stem: *Till-*]. Type genus: *Tillus* A. G. Olivier, 1790. Comment: family-group name previously attributed to Leach (1815).

CYLIDRINA Reitter, 1894: 38 [stem: *Cylidr-*]. Type genus: *Cylidrus* Latreille, 1829.

\*MONOPHYLLINI Böving and Craighead, 1931: 78 [stem: *Monophyll-*]. Type genus: *Monophylla* Spinola, 1841. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Subfamily HYDNOCERINAE Spinola, 1844**

HYDNOCÉROÏDES Spinola, 1844: Tableau générique (3) [stem: *Hydnocer-*]. Type genus: *Hydnocera* Newman, 1838 [syn. of *Phyllobaenus* Dejean, 1833].

**Tribe CALLIMERINI Kolibáč, 1998**

CALLIMERINI Kolibáč, 1998: 165 [stem: *Callimer-*]. Type genus: *Callimerus* Gorham, 1876.

**Tribe HYDNOCERINI Spinola, 1844**

HYDNOCÉROÏDES Spinola, 1844: Tableau générique (3) [stem: *Hydnocer-*]. Type genus: *Hydnocera* Newman, 1838 [syn. of *Phyllobaenus* Dejean, 1833]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Desmarest (1857: 263, as HYDNOCERIDAE), generally accepted as in Kolibáč (1998: 127, as HYDNOCERINAE).

PHYLLOBÉNIDES Lacordaire, 1857: 466 [stem: *Phyllobaen-*]. Type genus: *Phyllobaenus* Dejean, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by and generally accepted as in Gorham (1876: 59, as PHYLLOBENIDES [treated as Latin]); incorrect original stem formation, not in prevailing usage.

**Tribe LEMIDIINI Kolibáč, 1998**

LEMIDIINI Kolibáč, 1998: 183 [stem: *Lemidi-*]. Type genus: *Lemidia* Spinola, 1841.

**Subfamily CLERINAE Latreille, 1802**

CLERII Latreille, 1802: 110 [stem: *Cler-*]. Type genus: *Clerus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)].

NOTOXII Sturm, 1826: 38 [stem: *Notox-*]. Type genus: *Notoxus* sensu Fabricius, 1775 [not *Notoxus* Geoffroy, 1762; syn. of *Opilo* Latreille, 1802]. Comment: based on a misidentified type genus; an application should be submitted to the Commission to suppress this name for the Principles of Priority and Homonymy (Art. 65.2.1) since NOTOXINAE Stephens, 1829 is currently used as valid in ANTHICIDAE.

PRIOCERIDAE Laporte, 1836: 33 [stem: *Priocer-*]. Type genus: *Priocera* Kirby, 1819.

\*TRICHODITES Blanchard, 1845b: 84 [stem: *Trichod-*]. Type genus: *Trichodes* Herbst, 1792 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1845b).

OPILONIDAE Gistel, 1848: [6] [stem: *Opilon-*]. Type genus: *Opilo* Latreille, 1802.

THANASIMIIDAE Gistel, 1848: [6] [stem: *Thanasim-*]. Type genus: *Thanasimus* Latreille, 1806. Comment: incorrect original stem formation, not in prevailing usage.

DENDROPLANETEIDAE Gistel, 1856a: 395 [stem: *Dendroplanet-*]. Type genus: *Dendroplanetes* Gistel, 1856 [syn. of *Opilo* Latreille, 1802]. Comment: also spelled DONDROPLANETEIDAE in the same publication on page 368; incorrect original stem formation, not in prevailing usage.

TRICHODINI Portevin, 1931: 457, in key [stem: *Trichod-*]. Type genus: *Trichodes* Herbst, 1792 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)]. Comment: the older name originally proposed as TRICHODINA Maitland, 1851 (type genus *Trichoda* Müller, 1773) is available in Protozoa: Ciliophora; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

DIEROPSINAE J. R. Winkler, 1964: 317 [stem: *Dieropse-*]. Type genus: *Dieropsis* Gahan, 1908. Comment: incorrect original stem formation, not in prevailing usage.

CLEROPIESTINAE J. R. Winkler, 1980: 437 [stem: *Cleropiest-*]. Type genus: *Cleropiestus* Fairmaire, 1889.

ANTHICOCLERINAE Opitz, 2010: 58 [stem: *Anthiocler-*]. Type genus: *Anthioclerus* Schenkling, 1906.

### Subfamily KORYNETINAE Laporte, 1836

CORYNETIDAE Laporte, 1836: 34 [stem: *Korynet-*]. Type genus: *Korynetes* Herbst, 1792 [as *Corynetes*, unjustified emendation of type genus name by Paykull (1798: 274), not in prevailing usage; *Korynetes* Herbst, 1792 placed on the Official List of Generic Names in Zoology and *Corynetes* Paykull, 1798 placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1961c)]. Comment: incorrect original stem formation, not in prevailing usage.

ICHNOÏDES Spinola, 1841: 71 [stem: *Ichne-*]. Type genus: *Ichnea* Laporte, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 193, as ICHNEOIDAE), treated as available by Opitz and Herman (2009: 183, as ICHNEINAE); *nomen oblitum*, EPIPHLOEINAE Kuwert, 1893 conserved as valid subfamily over this name by Opitz and Herman (2009).

PLATYNOPTÉROÏDES Spinola, 1844: Tableau générique (4) [stem: *Platynopter-*]. Type genus: *Platynoptera* Chevrolat, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Desmarest (1857: 269, as PLATYNOPTERIDAE).

NECROBIAEIDAE Gistel, 1848: [6] [stem: *Necrobi-*]. Type genus: *Necrobia* A. G. Olivier, 1795 [placed on the Official List of Generic Names in Zoology (ICZN 1961c)]. Comment: incorrect original stem formation, not in prevailing usage.

ENOPLIIDAE Gistel, 1848: [6] [stem: *Enopli-*]. Type genus: *Enoplium* Latreille, 1802.

TARSOSTÉNITES Jacquelin du Val, 1860: 198 [stem: *Tarsosten-*]. Type genus: *Tarsostenus* Spinola, 1844. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Böving and Craighead (1931: 57, as TARSOSTENINAE), generally accepted as in Opitz (2002: 279, as TARSOSTENNINAE [incorrect stem formation]).

EPIPHLÖINEN Kuwert, 1893: 492 [stem: *Epiphloe-*]. Type genus: *Epiphloeus* Spinola, 1841. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Schenkling (1910: 113, as EPIPHLOEINI), generally accepted as in Opitz and Herman (2009: 183, as EPIPHLOEINAE); *nomen protectum* (see Opitz and Herman (2009: 184)); although Kuwert apparently originally published his name as a synonym of PHYLLOBAENIDES Lacordaire, 1857, the name EPIPHLOEINI was treated as valid by several authors, e.g., Chapin (1924: 165), before 1961 which made the name available (Art. 11.6.1) (see Opitz and Herman 2009: 184).

DERMESTOIDINI Jakobson, 1911a: 719 [stem: *Dermestoid-*]. Type genus: *Dermestoides* Schaeffer, 1771.

ORTHOPLEURINAE Böving and Craighead, 1931: 56, in key [stem: *Orthopleur-*]. Type genus: *Orthopleura* Spinola, 1844.

NEORTHOPLEURINAE Opitz, 2009: 138 [stem: *Neorthopleur-*]. Type genus: *Neorthopleura* Barr, 1976.

PELONIINAE Opitz, 2010: 97 [stem: *Peloni-*]. Type genus: *Pelonium* Spinola, 1844.

**Family ACANTHOCNEMIDAE Crowson, 1964**

ACANTHOCNEMINAE Crowson, 1964: 317, in key [stem: *Acanthocnem-*]. Type genus: *Acanthocnemus* Perris, 1866.

**Family PHYCOSECIDAE Crowson, 1952**

PHYCOSECIDAE Crowson, 1952: 117 [stem: *Phycosec-*]. Type genus: *Phycosecis* Pascoe, 1875. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Phycosecid-*).

**Family PRIONOCERIDAE Lacordaire, 1857**

PRIONOCÉRIDES Lacordaire, 1857: 411 [stem: *Prionocer-*]. Type genus: *Prionocerus* Perty, 1831. Comment: PRIONOCÉRITES was used earlier by Laporte (1840a: 275) but this name was treated as a *lapsus calami* for PRIOCÉRITES Laporte (1834b: 33) by Lawrence and Newton (1995: 871).

**Tribe LOBONYCHINI Majer, 1987**

LOBONYCHINI Majer, 1987: 790, in key [stem: *Lobonych-*]. Type genus: *Lobonyx* Jacquelin du Val, 1859.

**Tribe PRIONOCERINI Lacordaire, 1857**

PRIONOCÉRIDES Lacordaire, 1857: 411 [stem: *Prionocer-*]. Type genus: *Prionocerus* Perty, 1831. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Ritsema (1884: 494, as PRIONOCERINI), generally accepted as in M. C. Thomas (2008: 445, as PRIONOCERIDAE); the earlier usage of PRIONOCERITES by Laporte (1840a: 285) was in error for PRIOCERITES in CLERIDAE: CLERINAE (see Lawrence and Newton 1995: 871); PRIONOCERINI Savchenko, 1966 (type genus *Prionocera* Loew, 1844) is available in Diptera; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

**Family MAURONISCIDAE Majer, 1995**

MAURONISCIDAE Majer, 1995a: 340 [stem: *Mauronisc-*]. Type genus: *Mauroniscus* Bourgeois, 1911. Comment: published 30 April 1995; this family-group name was also used in the same year by Majer (1995b [1 December]: 57, as MAURONISCIDAE).

**Family MELYRIDAE Leach, 1815**

MELYRIDES Leach, 1815: 87 [stem: *Melyr-*]. Type genus: *Melyris* Fabricius, 1775.

**Subfamily RHADALINAE LeConte, 1861**

RHADALINI J. L. LeConte, 1861: 194 [stem: *Rhadal-*]. Type genus: *Rhadalus* J. L. LeConte, 1852.

HAPLOCNÉMATES Mulsant and Rey, 1868a: 181 [stem: *Aplocnem-*]. Type genus: *Aplocnemus* Stephens, 1830 [as *Haplocnemus*, unjustified emendation of type genus name by Agassiz (1846b: 29), not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Crowson (1964: 316, as HAPLOCNEMINAE [incorrect stem formation]), generally accepted as in Majer (1987: 800, as APLOCNEMINI); incorrect original stem formation, not in prevailing usage.

MICROJULISTINI Majer, 1987: 797, in key [stem: *Microjulist-*]. Type genus: *Microjulistus* Reitter, 1889.

PELECOPHORINI Majer, 1987: 797, in key [stem: *Pelecophor-*]. Type genus: *Pelecophora* Lepeletier and Audinet-Serville, 1825.

**Subfamily MELYRINAE Leach, 1815**

MELYRIDES Leach, 1815: 87 [stem: *Melyr-*]. Type genus: *Melyris* Fabricius, 1775.

**Tribe ARTHROBRACHINI Majer, 1987**

ARTHROBRACHINI Majer, 1987: 793, in key [stem: *Arthrobrach-*]. Type genus: *Arthrobrachus* Solier, 1849.

**Tribe ASTYLINI Pic, 1929**

ASTYLINI Pic, 1929: 1 [stem: *Astyl-*]. Type genus: *Astylus* Laporte, 1836.

**Tribe CERALLINI Pic, 1929**

CERALLINI Pic, 1929: 13 [stem: *Cerall-*]. Type genus: *Cerallus* Jacquelin du Val, 1859.

**Tribe MELYRINI Leach, 1815**

MELYRIDES Leach, 1815: 87 [stem: *Melyr-*]. Type genus: *Melyris* Fabricius, 1775.

Comment: published April 1815; this family-group name was also used in the same year by Rafinesque (1815 [between April and 21 July]: 110, as MELYRIA).

ZYGIIDAE Jakobson, 1911a: 687 [stem: *Zygi-*]. Type genus: *Zygia* Fabricius, 1775 [syn. of *Melyris* Fabricius, 1775].

**Subfamily DASYTINAE Laporte, 1840**

DASYDITES Laporte, 1840a: 280 [stem: *Dasyt-*]. Type genus: *Dasytes* Paykull, 1799.

**Tribe CHAETOMALACHIINI Majer, 1987**

CHAETOMALACHIINI Majer, 1987: 799, in key [stem: *Chaetomalachi-*]. Type genus: *Chaetomalachius* Kraatz, 1882.

**Tribe DANACEINI Thomson, 1859**

DANACAEINA C. G. Thomson, 1859: 108 [stem: *Danace-*]. Type genus: *Danacea* Laporte, 1838 [as *Danacaea*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

AMAURONININI Majer, 1987: 799, in key [stem: *Amauronioid-*]. Type genus: *Amauronioides* Champion, 1923 [syn. of *Pseudamauronia* Pic, 1915]. Comment: incorrect original stem formation, not in prevailing usage.

DANACAEOMIMINI Majer, 1987: 799, in key [stem: *Danacaeomim-*]. Type genus: *Danacaeomimus* Champion, 1922.

**Tribe DASYTINI Laporte, 1840**

DASYDITES Laporte, 1840a: 280 [stem: *Dasyt-*]. Type genus: *Dasytes* Paykull, 1799. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 117, as DASYTETOIDAE [incorrect stem formation]), generally accepted as in Pic (1937: 1, as DASYTINAE); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Dasytet-*).

COLPOTHISIDAE Gistel, 1848: [11] [stem: *Colpoth-*]. Type genus: *Colpothis* Gistel, 1848 [syn. of *Dasytes* Paykull, 1799]. Comment: incorrect original stem formation, not in prevailing usage.

\*HÉNICOPAIRES Mulsant and Rey, 1868a: 264 [stem: *Enicopod-*]. Type genus: *Enicopus* Stephens, 1830 [as *Henicopus*, unjustified emendation of type genus name by Agassiz (1846b: 138), not in prevailing usage]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant and Rey (1868a); incorrect original stem formation, not in prevailing usage.

HENICOPINI Escalera, 1927: 7 [stem: *Enicopod-*]. Type genus: *Enicopus* Stephens, 1830 [as *Henicopus*, unjustified emendation of type genus name by Agassiz (1846b: 138), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe GIETELLINI Constantin and Menier, 1987**

GIETELLINAE Constantin and Menier, 1987: 62 [stem: *Gietell-*]. Type genus: *Gietella* Constantin and Menier, 1987.

**Tribe LISTRINI Majer, 1990**

LISTRINI Majer, 1990: 371 [stem: *Listr-*]. Type genus: *Listrus* Motschulsky, 1859.

**Subfamily MALACHIINAE Fleming, 1821**

MALACHIUSIDAE Fleming, 1821: 50 [stem: *Malachi-*]. Type genus: *Malachius* Fabricius, 1775.



**Tribe AMALTHOCINI Majer, 2002**

AMALTHOCINAE Majer, 2002: 186 [stem: *Amalthoc*]. Type genus: *Amalthocus* Fairmaire, 1886.

**Tribe ATTALOMIMINI Majer, 1995**

ATTALOMIMIDAE Majer, 1995a: 378 [stem: *Attalomim*]. Type genus: *Attalomimus* Wittmer, 1976.

**Tribe CARPHURINI Champion, 1923**

CARPHURINAE Champion, 1923: 2 [stem: *Carphur*]. Type genus: *Carphurus* Erichson, 1840.

**Tribe LEMPHINI Wittmer, 1976**

LEMPHINI Wittmer, 1976: 427 [stem: *Lemph*]. Type genus: *Lemphus* Erichson, 1840.

**Tribe MALACHIINI Fleming, 1821**

MALACHIUSIDAE Fleming, 1821: 50 [stem: *Malachi*]. Type genus: *Malachius* Fabricius, 1775. Comment: incorrect original stem formation, not in prevailing usage.

TAMULIDAE Gistel, 1848: [11] [stem: *Tamul*]. Type genus: *Tamulus* Gistel, 1848 [syn. of *Malachius* Fabricius, 1775].

POLYCYSTOPHORIDAE Gistel, 1856a: 385 [stem: *Polycystophor*]. Type genus: *Polycystophorus* Gistel, 1856 [this genus was included by Gistel in his new family POLYCYSTOPHORIDAE along with one genus now classified in CANTHARIDAE (*Malthinus* Latreille) and four genera of MALACHIINAE (*Anthocomus* Erichson, *Ebaeus* Erichson, *Charopus* Erichson and *Troglops* Erichson); several available species names were originally included in *Polycystophorus* (Gistel, 1856a: 385), we hereby select *Cantharis aeneus* Linnaeus, 1758 as the type species; **syn. nov.** of *Malachius* Fabricius, 1775]. Comment: **syn. nov.**

APALOCHRAIRES Mulsant and Rey, 1867b: 19 [stem: *Apalochr*]. Type genus: *Apalochrus* Erichson, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Houlbert (1922a: 250, as APALOCHRINI).

\*ANTHOCOMATES Mulsant and Rey, 1867b: 127 [stem: *Anthocom*]. Type genus: *Anthocomus* Erichson, 1840. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

\*TROGLOPATES Mulsant and Rey, 1867b: 281 [stem: *Troglop*]. Type genus: *Troglops* Erichson, 1840. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

CAULAUTAIRES Abeille de Perrin, 1890: 244 [stem: *Colot*]. Type genus: *Colotes* Erichson, 1840 [as *Caulautes*, unjustified emendation of type genus name by Abeille de Perrin (1890), not in prevailing usage]. Comment: original vernacular name

available (Art. 11.7.2): first used in latinized form by Bertkau (1891: 304, as COLOTINI), generally accepted as in Hansen (1996: 152, as COLOTINI); incorrect original stem formation, not in prevailing usage; COLOTINI Larsen, 1983 (type genus *Colotis* Hübner, 1819) does not appear to be available in Lepidoptera: PIERIDAE; if the Lepidoptera name is found to be available then this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

ATTALAIRES Abeille de Perrin, 1891: 364 [stem: *Attal-*]. Type genus: *Attalus* Erichson, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hatch (1962: 87, as ATTALINA), generally accepted as in Mayor (2007: 419, as ATTALINI).

LAIINA Jakobson, 1911a: 688 [stem: *Lai-*]. Type genus: *Laius* Guérin-Méneville, 1838.

ILLOPINA Jakobson, 1911a: 688 [stem: *Illop-*]. Type genus: *Illops* Erichson, 1840.

PARATINI Portevin, 1931: 426, in key [stem: *Paratin-*]. Type genus: *Paratinus* Abeille de Perrin, 1891 [syn. of *Apalochrus* Erichson, 1840]. Comment: the correct spelling PARATININI was used in the same work on page 442.

EBAEINI Portevin, 1931: 426, in key [stem: *Ebae-*]. Type genus: *Ebaeus* Erichson, 1840.

COLLOPINA Hatch, 1962: 88, in key [stem: *Collop-*]. Type genus: *Collops* Erichson, 1840.

### **Tribe PAGURODACTYLINI Constantin, 2001**

PAGURODACTYLINAE Constantin, 2001: 6 [stem: *Pagurodactyl-*]. Type genus: *Pagurodactylus* Gorham, 1900.

### **MELYRIDAE *incertae sedis***

ELOSOMATIDAE Jakobson, 1915: 993 [stem: *Elosomat-*]. Type genus: *Elosoma* Motschulsky, 1845. Comment: transferred from SALPINGIDAE by Zerche (2004), correct placement within the family uncertain.

### **Superfamily CUCUJOIDEA Latreille, 1802**

CUCUJIPES Latreille, 1802: 210 [stem: *Cucuj-*]. Type genus: *Cucujus* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: First Reviser (CUCUJOIDEA Latreille, 1802 vs EROTYLOIDEA Latreille, 1802 vs NITIDULOIDEA Latreille, 1802) not determined, current usage maintained.

### **†Family PARANDREXIDAE Kirejtshuk, 1994**

PARANDREXIDAE Kirejtshuk, 1994: 57 [stem: *Parandrex-*]. Type genus: *Parandrexia* Martynov, 1926. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Parandrexe-*).

### **†Family SINISILVANIDAE Hong, 2002**

SINISILVANIDAE Hong, 2002: 132 [stem: *Sinisilvan-*]. Type genus: *Sinisilvana* Hong, 2002.

**Family BOGANIIDAE Sen Gupta and Crowson, 1966**

BOGANIIDAE Sen Gupta and Crowson, 1966: 63 [stem: *Bogani*–]. Type genus: *Boganium* Sen Gupta and Crowson, 1966.

**Subfamily PARACUCUJINAE Endrödy-Younga and Crowson, 1986**

PARACUCUJINAE Endrödy-Younga and Crowson, 1986: 255 [stem: *Paracucuj*–]. Type genus: *Paracucujus* Sen Gupta and Crowson, 1966.

ATHERTONIINI Crowson, 1990: 91 [stem: *Athertoni*–]. Type genus: *Athertonium* Crowson, 1990.

**Subfamily BOGANIINAE Sen Gupta and Crowson, 1966**

BOGANIIDAE Sen Gupta and Crowson, 1966: 63 [stem: *Bogani*–]. Type genus: *Boganium* Sen Gupta and Crowson, 1966.

**Family BYTURIDAE Gistel, 1848**

BYTURIDAE Gistel, 1848: [3] [stem: *Bytur*–]. Type genus: *Byturus* Latreille, 1797.

**Subfamily PLATYDASCILLINAE Pic, 1914**

PLATYDASCILLIDAE Pic, 1914: 20 [stem: *Platydascill*–]. Type genus: *Platydascillus* Everts, 1909.

**Subfamily BYTURINAE Gistel, 1848**

BYTURIDAE Gistel, 1848: [3] [stem: *Bytur*–]. Type genus: *Byturus* Latreille, 1797.  
Comment: family-group name previously attributed to Jacquelin du Val (1858: 211).

**Family HELOTIDAE Chapuis, 1876**

HÉLOTIDES Chapuis, 1876: 15 [stem: *Helot*–]. Type genus: *Helota* W. S. MacLeay, 1825.  
Comment: published before 1 May 1876; original vernacular name available (Art. 11.7.2): used in latinized form by several authors subsequently, generally accepted as in Lawrence and Newton (1995: 875, as “HELOTIDAE Reitter, 1876/Chapuis, 1876”); this family-group name was also used in the same year by Reitter (1876a [before 15 August]: 5, as HELOTIDAE); this is a junior homonym of HELOTIDAE Adams et al., 1854 (type genus *Helotes* Cuvier, 1829) in Pisces, this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

**Family PROTOCUCUJIDAE Crowson, 1954**

PROTOCUCUJIDAE Crowson, 1954: 60 [stem: *Protocucuj*–]. Type genus: *Protocucujus* Crowson, 1954.

**Family SPHINDIDAE Jacquelin du Val, 1860**

SPHINDIDES Jacquelin du Val, 1860: 224 [stem: *Sphind*–]. Type genus: *Sphindus* Dejean, 1821 [placed on the Official List of Generic Names in Zoology (ICZN 1997)].

Comment: this name (as SPHINDIDAE Jacquelin du Val, [1861]) was placed on the Official List of Family-Group Names in Zoology and ruled under the plenary power that this and other family-group names based on *Sphindus* Dejean, 1821 are to be given precedence over ASPIDIPHORIDAE Kiesenwetter, 1877 (1859) and other family-group names based on *Aspidiphorus* Dejean, 1821 whenever their type genera are placed in the same family-group taxon (ICZN 1997).

**Subfamily PROTOSPHINDINAE Sen Gupta and Crowson, 1979**

PROTOSPHINDINAE Sen Gupta and Crowson, 1979: 179, in key [stem: *Protosphind-*].

Type genus: *Protosphindus* Sen Gupta and Crowson, 1979.

**Subfamily ODONTOSPHINDINAE Sen Gupta and Crowson, 1979**

ODONTOSPHINDINI Sen Gupta and Crowson, 1979: 180, in key [stem: *Odontosphind-*].

Type genus: *Odontosphindus* Sen Gupta and Crowson, 1979.

**Subfamily SPHINDIPHORINAE Sen Gupta and Crowson, 1979**

SPHINDIPHORINI Sen Gupta and Crowson, 1979: 180, in key [stem: *Sphindiphor-*].

Type genus: *Sphindiphorus* Sen Gupta and Crowson, 1979.

**Subfamily SPHINDINAE Jacquelin du Val, 1860**

CONIPORINA C. G. Thomson, 1859: 90 [stem: *Conipor-*]. Type genus: *Coniporus* C. G. Thomson, 1859 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1997); syn. of *Aspidiphorus* Dejean, 1821]. Comment: permanently invalid (Art. 39): based on suppressed type genus.

SPHINDIDES Jacquelin du Val, 1860: 224 [stem: *Sphind-*]. Type genus: *Sphindus* Dejean, 1821 [placed on the Official List of Generic Names in Zoology (ICZN 1997)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kiesenwetter (1877: 7, as SPHINDINI), generally accepted as in Lawrence and Newton (1995: 872, as SPHINDIDAE).

ASPIDIPHORIDAE Kiesenwetter, 1877: 198 [stem: *Aspidiphor-*]. Type genus: *Aspidiphorus* Dejean, 1821 [*Arpidiphorus*, the original spelling of the type genus, as well as *Aspidophorus* Agassiz, 1846 were placed on the Official Index of Rejected and Invalid Generic Names in Zoology and *Aspidiphorus* was placed on the Official List of Generic Names in Zoology (ICZN 1997)]. Comment: this name (as ASPIDIPHORIDAE Kiesenwetter, 1877 (1859)) was placed on the Official List of Family-Group Names in Zoology and ruled under the plenary power that this and other family-group names based on *Aspidiphorus* are not to be given priority over SPHINDIDAE and other family-group names based on *Sphindus* Dejean, 1821 whenever their type genera are placed in the same family-group taxon (ICZN 1997).

EURYSPHINDINAE Sen Gupta and Crowson, 1979: 180, in key [stem: *Eurysphind-*].

Type genus: *Eurysphindus* J. L. LeConte, 1878.

**Family BIPHYLLIDAE LeConte, 1861**

DIPHYLLIDAE J. L. LeConte, 1861: 105 [stem: *Biphyll-*]. Type genus: *Biphyllus* Dejean, 1821 [as *Diphyllus*, unjustified emendation of type genus name by Agassiz (1846b: 47), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage (see Cline and Shockley 2010).

**Family EROTYLIDAE Latreille, 1802**

EROTILENAE Latreille, 1802: 233 [stem: *Erotyl-*]. Type genus: *Erotylus* Fabricius, 1775.

**Subfamily XENOSCELINAE Ganglbauer, 1899**

XENOSCELINI Ganglbauer, 1899: 649 [stem: *Xenoscel-*]. Type genus: *Xenoscelis* Wollaston, 1864. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Xenoscelid-*).

EICOLYCTINI Vogt, 1967: 103 [stem: *Eicolyct-*]. Type genus: *Eicolyctus* J. R. Sahlberg, 1919 [syn. of *Zavaljus* Reitter, 1880].

LOBERONOTHINI Sen Gupta and Crowson, 1969a: 127 [stem: *Loberonoth-*]. Type genus: *Loberonotha* Sen Gupta and Crowson, 1969.

**Subfamily PHARAXONOTHINAE Crowson, 1952**

SETARIINI Casey, 1900: 77 [stem: *Setari-*]. Type genus: *Setaria* Mulsant and Rey, 1863 [preoccupied genus name, not *Setaria* Viborg, 1795 [Vermes], not *Setaria* Oken, 1815 [Vermes], not *Setaria* Blyth, 1844 [Aves]; syn. of *Setariola* Jakobson, 1915]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

PHARAXONOTHINAE Crowson, 1952: 127 [stem: *Pharaxonoth-*]. Type genus: *Pharaxonotha* Reitter, 1875. Comment: First Reviser found (PHARAXONOTHINAE Crowson, 1952 vs SETARIOLINAE Crowson, 1952) is Leschen (2003: 35).

SETARIOLINAE Crowson, 1952: 127 [stem: *Setariol-*]. Type genus: *Setariola* Jakobson, 1915.

XENOSCELININI Sen Gupta and Crowson, 1971: 5, in key [stem: *Xenoscelin-*]. Type genus: *Xenoscelinus* Grouvelle, 1910 [syn. of *Cathartocryptus* Sharp, 1886].

**Subfamily LOBERINAE Bruce, 1951**

LOBERINAE Bruce, 1951: 4 [stem: *Lober-*]. Type genus: *Loberus* J. L. LeConte, 1861. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Sen Gupta (1968a: 1, as LOBERINI) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

**Subfamily LANGURIINAE Hope, 1840**

LANGUIRIDAE Hope, 1840a: 190 [stem: *Languri-*]. Type genus: *Languria* Latreille, 1802 [as *Languiria*, incorrect subsequent spelling of type genus name, not in prevailing usage].

**Tribe HAPALIPINI Leschen, 2003**

HAPALIPINI Leschen, 2003: 38 [stem: *Hapalip-*]. Type genus: *Hapalips* Reitter, 1877.

**Tribe LANGURIINI Hope, 1840**

LANGUIRIDAE Hope, 1840a: 190 [stem: *Languri-*]. Type genus: *Languria* Latreille, 1802 [as *Languiria*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; family-group name previously attributed to Crotch (1873c) by Pakaluk et al. (1994) and subsequent authors; usage of «Wiedeman, 1823» as the correct author and year for this family-group name in the literature is incorrect (see Pakaluk et al. 1994).

CLADOXENINAE Arrow, 1925: 166 [stem: *Cladoxen-*]. Type genus: *Cladoxena* Motschulsky, 1866.

**Tribe THALLISELLINI Sen Gupta, 1968**

THALLISELLINI Sen Gupta, 1968b: 470 [stem: *Thallisell-*]. Type genus: *Thallisella* Crotch, 1876.

**Subfamily CRYPTOPHILINAE Casey, 1900**

CRYPTOPHILINI Casey, 1900: 77 [stem: *Cryptophil-*]. Type genus: *Cryptophilus* Reitter, 1874.

**Tribe CRYPTOPHILINI Casey, 1900**

CRYPTOPHILINI Casey, 1900: 77 [stem: *Cryptophil-*]. Type genus: *Cryptophilus* Reitter, 1874.

**Tribe EMPOCRYPTINI Leschen, 2003**

EMPOCRYPTINI Leschen, 2003: 41 [stem: *Empocrypt-*]. Type genus: *Empocryptus* Sharp, 1900.

**Tribe TORAMINI Sen Gupta, 1967**

TORAMINAE Sen Gupta, 1967: 168 [stem: *Toram-*]. Type genus: *Toramus* Grouvelle, 1916.

**Subfamily EROTYLINAE Latreille, 1802**

EROTILENAE Latreille, 1802: 233 [stem: *Erotyl-*]. Type genus: *Erotylus* Fabricius, 1775.

**Tribe DACNINI Gistel, 1848**

\*ENGIDITES Latreille, 1829a: 506 [stem: *Eng-*]. Type genus: *Engis* Paykull, 1800 [syn. of *Dacne* Latreille, 1797]. Comment: family-group name unavailable (Art. 11.7.1.1): not based on a genus used as valid at the time.



DACNEIDAE Gistel, 1848: [3] [stem: *Dacn-*]. Type genus: *Dacne* Latreille, 1797.

Comment: incorrect original stem formation, not in prevailing usage.

CRYPTODACNINI Sen Gupta, 1970: 101, in key [stem: *Cryptodacn-*]. Type genus: *Cryptodacne* Sharp, 1878.

### **Tribe ENCAUSTINI Crotch, 1876**

ENGIDAE W. S. MacLeay, 1825: 40 [stem: *Engid-*]. Type genus: *Engis* sensu W. S. MacLeay, 1825 [not *Engis* Paykull, 1800; syn. of *Encaustes* Lacordaire, 1842].

Comment: based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principle of Priority (Art. 65.2.1).

ENCAUSTINI Crotch, 1876: 476 [stem: *Encaust-*]. Type genus: *Encaustes* Lacordaire, 1842. Comment: published after February 1876; this family-group name was also used in the same year by Chapuis (1876 [before 1 May]: 46, as ENCAUSTITES).

### **Tribe EROTYLINI Latreille, 1802**

EROTILENAE Latreille, 1802: 233 [stem: *Erotyl-*]. Type genus: *Erotylus* Fabricius, 1775. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe MEGALODACNINI Sen Gupta, 1970**

MEGALODACNINI Sen Gupta, 1970: 100, in key [stem: *Megalodacn-*]. Type genus: *Megalodacne* Crotch, 1873.

### **Tribe TRITOMINI Curtis, 1834**

TRITOMIDAE Curtis, 1834: plate 498 [stem: *Tritom-*]. Type genus: *Tritoma* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

TRIPLACINAE Erichson, 1847a: 179 [stem: *Triplac-*]. Type genus: *Triplax* Herbst, 1793.

RENANIINAE Chûjô, 1941: 10 [stem: *Renani-*]. Type genus: *Renania* Lewis, 1887.

CYRTOTRIPLACINA Chûjô, 1969: 201 [stem: *Cyrtotriplac-*]. Type genus: *Cyrtotriplax* Crotch, 1873 [syn. of *Tritoma* Fabricius, 1775].

## **Family MONOTOMIDAE Laporte, 1840**

MONOTOMITES Laporte, 1840b: 377 [stem: *Monotom-*]. Type genus: *Monotoma* Herbst, 1793.

### **Subfamily RHIZOPHAGINAE Redtenbacher, 1845**

RHIZOPHAGI L. Redtenbacher, 1845: 125 [stem: *Rhizophag-*]. Type genus: *Rhizophagus* Herbst, 1793 [the original spelling *Ryzophagus* was placed on the Official Index of Rejected and Suppressed Generic Names in Zoology, *Rhizophagus* was considered

the correct original spelling of the genus and placed on the Official List of Generic Names in Zoology (ICZN 1995b)].

**Subfamily MONOTOMINAE Laporte, 1840**

MONOTOMITES Laporte, 1840b: 377 [stem: *Monotom*]. Type genus: *Monotoma* Herbst, 1793.

**Tribe EUROPINI Sen Gupta, 1988**

EUROPINI Sen Gupta, 1988: 14, in key [stem: *Europ*]. Type genus: *Europs* Wollaston, 1854.

**Tribe LENACINI Crowson, 1952**

LENACINAE Crowson, 1952: 121 [stem: *Lenac*]. Type genus: *Lenax* Sharp, 1877.

**Tribe MONOTOMINI Laporte, 1840**

MONOTOMITES Laporte, 1840b: 377 [stem: *Monotom*]. Type genus: *Monotoma* Herbst, 1793 [*nomen protectum*; this genus name is a junior homonym of *Monotoma* Panzer, 1792 *nomen oblitum*; we provide references to support the conservation of *Monotoma* Herbst, 1793 as the valid name for this genus (Art. 23.9.1) (see Appendix 1)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 238, as MONOTOMOIDAE), generally accepted as in Pakaluk et al. (1994: 230, as MONOTOMIDAE).

**†Tribe RHIZOPHTOMINI Kirejtshuk and Azar, 2009**

RHIZOPHTOMINAE Kirejtshuk and Azar, 2009: 123 [stem: *Rhizophtom*]. Type genus: *Rhizophtoma* Kirejtshuk and Azar, 2009.

**Tribe THIONINI Crowson, 1952**

THIONINAE Crowson, 1952: 121 [stem: *Thion*]. Type genus: *Thione* Sharp, 1899.

**Family HOBARTIIDAE Sen Gupta and Crowson, 1966**

HOBARTIINI Sen Gupta and Crowson, 1966: 65, in key [stem: *Hobarti*]. Type genus: *Hobartius* Sen Gupta and Crowson, 1966.

**Family CRYPTOPHAGIDAE Kirby, 1826**

CRYPTOPHAGIDAE Kirby, 1826: 504 [stem: *Cryptophag*]. Type genus: *Cryptophagus* Herbst, 1792.

**Subfamily CRYPTOPHAGINAE Kirby, 1826**

CRYPTOPHAGIDAE Kirby, 1826: 504 [stem: *Cryptophag*]. Type genus: *Cryptophagus* Herbst, 1792.

**Tribe CAENOSCELINI Casey, 1900**

CAENOSCELINI Casey, 1900: 103 [stem: *Caenoscel-*]. Type genus: *Caenoscelis* C. G. Thomson, 1863. Comment: First Reviser found (CAENOSCELINI Casey, 1900 vs STERNODEINI Casey, 1900) is Leschen (1996: 607); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Caenoscelid-*).

STERNODEINI Casey, 1900: 103 [stem: *Sternode-*]. Type genus: *Sternodea* Reitter, 1875.

**Tribe CRYPTOPHAGINI Kirby, 1826**

*Ips* Latreille, 1802: 129 [stem: *Ip-*]. Type genus: *Ips* sensu Latreille, 1802 [not *Ips* DeGeer, 1775; syn. of *Cryptophagus* Herbst, 1792]. Comment: although the spelling of the family-group names is identical to the spelling of the type genus, it is clear, based on other evidence from the same work, that Latreille was using it as a family-group name (see Lawrence and Newton 1995: 913); based on a misidentified type genus; name treated here as invalid until an application is submitted to the Commission to suppress it for the Principles of Priority and Homonymy (Art. 65.2.1); also see IPINI Bedel, 1888 in CURCULIONIDAE: SCOLYTINAE.

CRYPTOPHAGIDAE Kirby, 1826: 504 [stem: *Cryptophag-*]. Type genus: *Cryptophagus* Herbst, 1792 [the original spelling *Kryptophagus* was placed on the Official Index of Rejected and Suppressed Generic Names in Zoology, *Cryptophagus* was considered the correct original spelling of the genus and placed on the Official List of Generic Names in Zoology (ICZN 1995b)].

TELMATOPHILIDES Jacquelin du Val, 1858: 209 [stem: *Telmatophil-*]. Type genus: *Telmatophilus* Heer, 1841. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 98, as TELMATOPHILINI), generally accepted as in Telnov (2004: 73, as TELMATOPHILINI).

ANTHEROPHAGI J. L. LeConte, 1861: 98 [stem: *Antherophag-*]. Type genus: *Antherophagus* Dejean, 1821.

PARAMECOSOMINA Reitter, 1875: 4 [stem: *Paramecosomat-*]. Type genus: *Paramecosoma* Curtis, 1833. Comment: incorrect original stem formation, not in prevailing usage.

CATOPOCHROTIDAE Reitter, 1889a: 289 [stem: *Catopochrot-*]. Type genus: *Catopochrotus* Reitter, 1889.

EMPHYLI Casey, 1900: 86 [stem: *Emphyl-*]. Type genus: *Emphylus* Erichson, 1846 [syn. of *Spavius* Motschulsky, 1844].

SPANIOPHAENI Casey, 1900: 86 [stem: *Spaniophaen-*]. Type genus: *Spaniophaenus* Reitter, 1875.

**Tribe PICROTINI Crowson, 1980**

PICROTINI Crowson, 1980: 283 [stem: *Picrot-*]. Type genus: *Picrotus* Sharp, 1886.

\*CRYPTOSOMATULINI Crowson, 1980: 284 [stem: *Cryptosomatul-*]. Type genus: *Cryptosomatula* Bruce, 1940. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

CRYPTOSOMATULINI Leschen, 1996: 605 [stem: *Cryptosomatul-*]. Type genus: *Cryptosomatula* Bruce, 1940.

### Subfamily ATOMARIINAE LeConte, 1861

ATOMARIINI J. L. LeConte, 1861: 99 [stem: *Atomari-*]. Type genus: *Atomaria* Stephens, 1829.

### Tribe ATOMARIINI LeConte, 1861

ATOMARIINI J. L. LeConte, 1861: 99 [stem: *Atomari-*]. Type genus: *Atomaria* Stephens, 1829.

EPHISTEMINI Casey, 1900: 104 [stem: *Ephistem-*]. Type genus: *Ephistemus* Stephens, 1829.

\*SALLTIINI Crowson, 1980: 284 [stem: *Sallti-*]. Type genus: *Salltius* Broun, 1893. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*ATOMAROIDINI Lyubarsky, 1998: 71 [stem: *Atomaroid-*]. Type genus: *Atomaroides* Lyubarsky, 1989. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### Tribe CRYPTAFRICINI Leschen, 1996

CRYPTAFRICINI Leschen, 1996: 623 [stem: *Cryptafric-*]. Type genus: *Cryptafricus* Leschen, 1996.

\*MICROPHAGINI Lyubarsky, 1998: 39, in key [stem: *Microphag-*]. Type genus: *Microphagus* Leschen, 1996. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*SCYTOMARIINI Lyubarsky, 1998: 71 [stem: *Scytomari-*]. Type genus: *Scytomaria* Lyubarsky, 1998 [syn. of *Anitamaria* Leschen, 1996]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### Tribe HYPOCOPRINI Reitter, 1879

HYPOCOPRINI Reitter, 1879: 74 [stem: *Hypocopr-*]. Type genus: *Hypocoprus* Motschulsky, 1839.

\*ALFIERIELLINEAE Crowson, 1980: 282 [stem: *Alferiell-*]. Type genus: *Alferiella* Wittmer, 1935. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*HYPOPHAGINA Lyubarsky, 1998: 71 [stem: *Hypophag*-.]. Type genus: *Hypophagus* Lyubarsky, 1989. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Family AGAPYTHIDAE Sen Gupta and Crowson, 1969**

AGAPYTHINAE Sen Gupta and Crowson, 1969b: 579, in key [stem: *Agapyth*-.]. Type genus: *Agapytho* Broun, 1921.

**Family PRIASILPHIDAE Crowson, 1973**

PRIASILPHINAE Crowson, 1973a: 56 [stem: *Priasilph*-.]. Type genus: *Priasilpha* Broun, 1893.

**Family PHLOEOSTICHIDAE Reitter, 1911**

PHLOEOSTICHINI Reitter, 1911: 44 [stem: *Phloeostich*-.]. Type genus: *Phloeostichus* W. Redtenbacher, 1842.

HYMAEINAE Sen Gupta and Crowson, 1966: 65, in key [stem: *Hymae*-.]. Type genus: *Hymaea* Pascoe, 1869.

**Family SILVANIDAE Kirby, 1837**

SILVANIDAE Kirby, 1837: 110 [stem: *Silvan*-.]. Type genus: *Silvanus* Latreille, 1804.

**Subfamily BRONTINAE Blanchard, 1845**

BRONTITES Blanchard, 1845b: 134 [stem: *Bront*-.]. Type genus: *Brontes* Fabricius, 1801.

**Tribe BRONTINI Blanchard, 1845**

BRONTITES Blanchard, 1845b: 134 [stem: *Bront*-.]. Type genus: *Brontes* Fabricius, 1801. Comment: published before 11 June 1845; original vernacular name available (Art. 11.7.2): first used in latinized form by Erichson (1845 [before 31 June]: 304, as BRONTINI), treated as available by Lawrence and Newton (1995: 876).

DENDROPHAGIDAE Gistel, 1848: [8] [stem: *Dendrophag*-.]. Type genus: *Dendrophagus* Schönherr, 1809.

ULEIOTAEIDAE Gistel, 1848: [10] [stem: *Uleiot*-.]. Type genus: *Uleiota* Latreille, 1797. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe TELEPHANINI LeConte, 1861**

TELEPHANIDAE J. L. LeConte, 1861: 96 [stem: *Telephan*-.]. Type genus: *Telephanus* Erichson, 1845.

PSEUDOPHANINI J. L. LeConte, 1861: 96 [stem: *Pseudophan*-.]. Type genus: *Pseudophanus* J. L. LeConte, 1859 [syn. of *Cryptamorpha* Wollaston, 1854].

PSAMMOECINI Reitter, 1879: 74 [stem: *Psammoec*-.]. Type genus: *Psammoecus* Latreille, 1829.

CRYPTAMORPHINI Casey, 1884: 102 [stem: *Cryptamorph-*]. Type genus: *Cryptamorpha* Wollaston, 1854.

**Subfamily SILVANINAE Kirby, 1837**

SYLVANIDAE Kirby, 1837: 110 [stem: *Silvan-*]. Type genus: *Silvanus* Latreille, 1804.  
Comment: incorrect original stem formation, not in prevailing usage.

**Family CUCUJIDAE Latreille, 1802**

CUCUJIPES Latreille, 1802: 210 [stem: *Cucuj-*]. Type genus: *Cucujus* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

\*BIOPHLOCES Motschulsky, 1849: 60 [stem: *Biophloe-*]. Type genus: *Biophloeus* Dejean, 1835 [*nomen oblitum*; this genus name is a senior synonym of the well-established name *Pediacus* Shuckard, 1839 *nomen protectum*; however since *Biophloeus* Dejean has not been used as valid after 1899 to our knowledge, we provide references to support the conservation of *Pediacus* as the valid name for this genus (Art. 23.9.1) (see Appendix 1)]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

EAROPHILIDAE Gistel, 1856a: 375 [stem: *Earophil-*]. Type genus: *Earophilus* Gistel, 1856 [syn. of *Cucujus* Fabricius, 1775].

**Family MYRABOLIIDAE Lawrence and Britton, 1991**

MYRABOLIINAE Lawrence and Britton, 1991: 650 [stem: *Myraboli-*]. Type genus: *Myrabolia* Reitter, 1876.

**Family CAVOGNATHIDAE Sen Gupta and Crowson, 1966**

CAVOGNATHINAE Sen Gupta and Crowson, 1966: 65, in key [stem: *Cavognath-*]. Type genus: *Cavognatha* Crowson, 1964 [syn. of *Taphropiestes* Reitter, 1875].

**Family LAMINGTONIIDAE Sen Gupta and Crowson, 1969**

LAMINGTONIIDAE Sen Gupta and Crowson, 1969a: 125 [stem: *Lamingtoni-*]. Type genus: *Lamingtonium* Sen Gupta and Crowson, 1969.

**Family PASSANDRIDAE Blanchard, 1845**

PASSANDRITES Blanchard, 1845b: 134 [stem: *Passandr-*]. Type genus: *Passandra* Dalman, 1817. Comment: published before 11 June 1845; original vernacular name available (Art. 11.7.2): first used in latinized form by Erichson (1845 [before June 31]: 304, as PASSANDRINI), treated as available by Lawrence and Newton (1995: 876).

ANCISTRIINAE Sharp, 1899b: 541 [stem: *Ancistri-*]. Type genus: *Ancistria* Erichson, 1845.

CATOGENINI Grouvelle, 1916: 6 [stem: *Catogen-*]. Type genus: *Catogenus* Westwood, 1830.



PASSANDRELLINI Grouvelle, 1916: 6 [stem: *Passandrell-*]. Type genus: *Passandrella* Grouvelle, 1916.

SCALIDIINI Grouvelle, 1916: 6 [stem: *Scalidi-*]. Type genus: *Scalidia* Erichson, 1845.

LAEMOTMETINI Kessel, 1921: 35 [stem: *Laemotmet-*]. Type genus: *Laemotmetus* Gerstaecker, 1871 [syn. of *Aulonosoma* Motschulsky, 1858].

### Family PHALACRIDAE Leach, 1815

PHALACRURIDA Leach, 1815: 116 [stem: *Phalacr-*]. Type genus: *Phalacrus* Paykull, 1800.

### Subfamily PHAENOCEPHALINAE Matthews, 1899

PHAENOCEPHALIDAE A. Matthews, 1899: 205 [stem: *Phaenocephal-*]. Type genus: *Phaenocephalus* Wollaston, 1873.

### Subfamily PHALACRINAE Leach, 1815

PHALACRURIDA Leach, 1815: 116 [stem: *Phalacr-*]. Type genus: *Phalacrus* Paykull, 1800. Comment: incorrect original stem formation, not in prevailing usage.

IDIOBIIDAE Gistel, 1856a: 383 [stem: *Idiobi-*]. Type genus: *Idiobius* Gistel, 1856 [syn. of *Olibrus* Erichson, 1845].

EUSTILBINI Guillebeau, 1892: 149 [stem: *Eustilb-*]. Type genus: *Eustilbus* Sharp, 1888.

OLIBRINI Guillebeau, 1892: 147 [stem: *Olibr-*]. Type genus: *Olibrus* Erichson, 1845.

TOLYPHINI Guillebeau, 1892: 147 [stem: *Tolyph-*]. Type genus: *Tolyphus* Erichson, 1845.

BIOPHYTINI Guillebeau, 1894: 276, in key [stem: *Biophyt-*]. Type genus: *Biophytus* Guillebeau, 1894.

MEGAPALPINI Guillebeau, 1894: 278, in key [stem: *Megapalp-*]. Type genus: *Megapalpus* Guillebeau, 1893 [preoccupied genus name, not *Megapalpus* Macquart, 1834 [Diptera]; syn. of *Megistopalpus* Guillebeau, 1895]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

OCHROLITINI Guillebeau, 1894: 278, in key [stem: *Ochrolit-*]. Type genus: *Ochrolitus* Sharp, 1889.

STILBINI Jakobson, 1915: 948 [stem: *Stilb-*]. Type genus: *Stilbus* Seidlitz, 1872.

### Family PROPALTICIDAE Crowson, 1952

PROPALTICIDAE Crowson, 1952: 117 [stem: *Propaltic-*]. Type genus: *Propalticus* Sharp, 1879.

### Family LAEMOPHLOEIDAE Ganglbauer, 1899

LAEMOPHLOEINI Ganglbauer, 1899: 606 [stem: *Laemophloe-*]. Type genus: *Laemophloeus* Dejean, 1835.

NARTHECIINAE Grouvelle, 1908: 453 [stem: *Nartheci-*]. Type genus: *Narthecius* J. L. LeConte, 1861.

**Family TASMOSALPINGIDAE Lawrence and Britton, 1991**

TASMOSALPINGINAE Lawrence and Britton, 1991: 651 [stem: *Tasmosalping-*]. Type genus: *Tasmosalpingus* Lea, 1918.

**Family CYCLAXYRIDAE Gimmel, Leschen and Ślipiński, 2009**

\*CYCLAXYRINAE Crowson, 1984: 259 [stem: *Cyclaxyr-*]. Type genus: *Cyclaxyra* Broun, 1893 [placed on the Official List of Generic Names in Zoology (ICZN 1988a)]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

CYCLAXYRIDAE Gimmel et al., 2009: 513 [stem: *Cyclaxyr-*]. Type genus: *Cyclaxyra* Broun, 1893 [placed on the Official List of Generic Names in Zoology (ICZN 1988a)]. Comment: although this family-group name was used several times before 2009, all previous uses of the name were unavailable (see Gimmel et al. 2009: 512, 513).

**Family KATERETIDAE Kirby, 1837**

CATHERETIDAE Kirby, 1837: 107 [stem: *Kateret-*]. Type genus: *Kateretes* Herbst, 1793 [as *Catheretes*, incorrect subsequent spelling of type genus name, not in prevailing usage; *Kateretes* Herbst, 1793 placed on Official List of Generic Names in Zoology (ICZN 1999b)]. Comment: incorrect original stem formation, not in prevailing usage; KATERETIDAE chosen as correct spelling of the family-group name, given precedence over BRACHYPTERIDAE Erichson, 1845 and placed on Official List of Family-Group Names in Zoology (ICZN 1999b, as KATERETIDAE Erichson in Agassiz, 1846); discovery of the older available name proposed by Kirby (1837) removes priority problems with BRACHYPTERINAE.

BRACHYPTERINAE Erichson, 1845: 125 [stem: *Brachypter-*]. Type genus: *Brachypterus* Kugelann, 1794 [placed on the Official List of Generic Names in Zoology (ICZN 1999b)]. Comment: placed on Official List of Family-Group Names in Zoology (ICZN 1999b).

CERCIDAE Desmarest, 1851: 291 [stem: *Cerc-*]. Type genus: *Cercus* Latreille, 1797 [syn. of *Kateretes* Herbst, 1793].

**Family NITIDULIDAE Latreille, 1802**

NITIDULARIAE Latreille, 1802: 131 [stem: *Nitidul-*]. Type genus: *Nitidula* Fabricius, 1775. Comment: the classification of NITIDULIDAE follows Kirejtshuk (2008).

**Subfamily CALONECRINAE Kirejtshuk, 1982**

CALONECRINAE Kirejtshuk, 1982: 117 [stem: *Calonecr-*]. Type genus: *Calonecrus* J. Thomson, 1857.

**Subfamily MAYNIPEPLINAE Kirejtshuk, 1998**

MAYNIPEPLINAE Kirejtshuk, 1998b: 540 [stem: *Maynipepl-*]. Type genus: *Maynipeplus* Kirejtshuk, 1998.

**Subfamily EPURAEINAE Kirejtshuk, 1986**

EPURAEINI Kirejtshuk, 1986: 27 [stem: *Epurae*–]. Type genus: *Epuraea* Erichson, 1843.

**Tribe EPURAEINI Kirejtshuk, 1986**

EPURAEINI Kirejtshuk, 1986: 27 [stem: *Epurae*–]. Type genus: *Epuraea* Erichson, 1843.

**Tribe TAENIONCINI Kirejtshuk, 1998**

TAENIONCINI Kirejtshuk, 1998a: 322 [stem: *Taenionc*–]. Type genus: *Taenioncus* Kirejtshuk, 1984.

**Subfamily CARPOPHILINAE Erichson, 1842**

CARPOPHILINAE Erichson, 1842: 148 [stem: *Carpophil*–]. Type genus: *Carpophilus* Stephens, 1829.

**Subfamily AMPHICROSSINAE Kirejtshuk, 1986**

AMPHICROSSINI Kirejtshuk, 1986: 28 [stem: *Amphicross*–]. Type genus: *Amphicrossus* Erichson, 1843.

**Subfamily MELIGETHINAE Thomson, 1859**

MELIGETHINA C. G. Thomson, 1859: 67 [stem: *Meligeth*–]. Type genus: *Meligethes* Stephens, 1830.

**Subfamily NITIDULINAE Latreille, 1802**

NITIDULARIAE Latreille, 1802: 131 [stem: *Nitidul*–]. Type genus: *Nitidula* Fabricius, 1775.

**Tribe CYCHRAMINI Gistel, 1848**

CYCHRAMIDAE Gistel, 1848: [4] [stem: *Cychram*–]. Type genus: *Cychramus* Kugelann, 1794.

**Tribe CYCHRAMPTODINI Kirejtshuk and Lawrence, 1992**

CYCHRAMPTODINI Kirejtshuk and Lawrence, 1992: 29, in key [stem: *Cychramptod*–]. Type genus: *Cychramptodes* Reitter, 1878.

**Tribe CYLLODINI Everts, 1898**

STRONGYLINAE Erichson, 1843: 227 [stem: *Strongyl*–]. Type genus: *Strongylus* Herbst, 1792 [preoccupied genus name, not *Strongylus* O. F. Müller, 1780 [Nematoda]; syn. of *Cyllodes* Erichson, 1843]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; STRONGYLIDAE Baird, 1853 (type genus *Strongylus* O. F. Müller, 1780) is available in Nematoda.

CYLLODINI Everts, 1898: 469, in key [stem: *Cyllod*–]. Type genus: *Cyllodes* Erichson, 1843.

AMBOROTUBINI Leschen and Carlton, 2004: 450 [stem: *Amborotub-*]. Type genus: *Amborotubus* Leschen and Carlton, 2004.

**Tribe LAWRENCEROSINI Kirejtshuk, 1991**

LAWRENCEROSINI Kirejtshuk, 1991: 863 [stem: *Lawrenceros-*]. Type genus: *Lawrencerosus* Kirejtshuk, 1991.

**Tribe MYSTROPINI Murray, 1864**

MYSTROPIDAE Murray, 1864: 411 [stem: *Mystrop-*]. Type genus: *Mystrops* Erichson, 1843.

**Tribe NITIDULINI Latreille, 1802**

NITIDULARIAE Latreille, 1802: 131 [stem: *Nitidul-*]. Type genus: *Nitidula* Fabricius, 1775.

THALYCRINA C. G. Thomson, 1859: 68 [stem: *Thalycr-*]. Type genus: *Thalycra* Erichson, 1843.

POCADIINI Seidlitz, 1872 [Gatt.]: 32 [stem: *Pocadi-*]. Type genus: *Pocadius* Erichson, 1843.

PROMETOPINAE Böving and Craighead, 1931: 37, in key [stem: *Prometopi-*]. Type genus: *Prometopia* Erichson, 1843. Comment: the spelling PROMETOPINAE in the key on page 37 is considered a *lapsus calami* since the correct spelling PROMETOPHINAE was used in the same publication in the conspectus on page 74 and in the caption for plate 35.

ORVOENINI Dajoz, 1980b: 191 [stem: *Orvoeni-*]. Type genus: *Orvoenia* Dajoz, 1980 [syn. of *Megauchenia* W. S. MacLeay, 1825]. Comment: incorrect original stem formation, not in prevailing usage.

**Subfamily CILLAEINAE Kirejtshuk and Audisio, 1986**

CILLAEINAE Kirejtshuk and Audisio, 1986: 219 [stem: *Cillae-*]. Type genus: *Cillaeus* Laporte, 1835.

**Subfamily CRYPTARCHINAE Thomson, 1859**

CRYPTARCHINA C. G. Thomson, 1859: 69 [stem: *Cryptarch-*]. Type genus: *Cryptarcha* Shuckard, 1839.

**Tribe ARHININI Kirejtshuk, 1987**

ARHININI Kirejtshuk, 1987: 63 [stem: *Arhin-*]. Type genus: *Arhina* Murray, 1876.

**Tribe CRYPTARCHINI Thomson, 1859**

CRYPTARCHINA C. G. Thomson, 1859: 69 [stem: *Cryptarch-*]. Type genus: *Cryptarcha* Shuckard, 1839.

PITYOPHAGINI Reitter, 1891: 163 [stem: *Pityophag-*]. Type genus: *Pityophagus* Shuckard, 1839.

GLISCHROCHILINI Iablokoff-Khnzorian, 1966: 314 [stem: *Glischrochil*]. Type genus: *Glischrochilus* Reitter, 1873.

**Tribe EUCALOSPHERINI Kirejtshuk, 1987**

EUCALOSPHERINI Kirejtshuk, 1987: 80 [stem: *Eucalospaer*]. Type genus: *Eucalospaera* Jelinek, 1978.

**Tribe PLATYARCHINI Kirejtshuk, 1998**

PLATYARCHINI Kirejtshuk, 1998a: 41, in key [stem: *Platyarch*]. Type genus: *Platyarcha* Kirejtshuk, 1987.

**Subfamily CYBOCEPHALINAE Jacquelin du Val, 1858**

CYBOCÉPHALITES Jacquelin du Val, 1858: 151 [stem: *Cybocephal*]. Type genus: *Cybocephalus* Erichson, 1844. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by C. G. Thomson (1862: 123, as CYBOCEPHALIDAE), generally accepted as in Pakaluk et al. (1994: 230, as CYBOCEPHALINAE).

**Family SMICRIPIDAE Horn, 1880**

SMICRIPINI G. H. Horn, 1880d: 268 [stem: *Smicrip*]. Type genus: *Smicrips* J. L. LeConte, 1878.

TISIPHONINAE Sharp, 1900a: 578 [stem: *Tisiphon*]. Type genus: *Tisiphone* Reitter, 1876 [preoccupied genus name, not *Tisiphone* Hübner, 1816 [Lepidoptera]; syn. of *Smicrips* J. L. LeConte, 1878]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

**Family BOTHRIDERIDAE Erichson, 1845**

BOTHRIDERINI Erichson, 1845: 287 [stem: *Bothrider*]. Type genus: *Bothrideres* Dejean, 1835.

**Subfamily TEREDINAE Seidlitz, 1888**

TEREDINI Seidlitz, 1888 [Gatt.]: 57 [stem: *Tered*]. Type genus: *Teredus* Dejean, 1835.

**Tribe SOSYLOPSINI Dajoz, 1980**

SOSYLOPSINI Dajoz, 1980a: 158 [stem: *Sosylops*]. Type genus: *Sosylopsis* Grouvelle, 1910. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Sosylopse*).

**Tribe SYSOLINI Ślipiński and Pal, 1985**

SYSOLINI Ślipiński and Pal, 1985: 40 [stem: *Sysol*]. Type genus: *Sysolus* Grouvelle, 1908.

**Tribe TEREDINI Seidlitz, 1888**

TEREDINI Seidlitz, 1888 [Gatt.]: 57 [stem: *Tered-*]. Type genus: *Teredus* Dejean, 1835.

**Subfamily XYLARIOPHILINAE Pal and Lawrence, 1986**

XYLARIOPHILINAE Pal and Lawrence, 1986: 208, in key [stem: *Xylariophil-*]. Type genus: *Xylariophilus* Pal and Lawrence, 1986.

**Subfamily ANOMMATINAE Ganglbauer, 1899**

ANOMMATINI Ganglbauer, 1899: 894 [stem: *Anommat-*]. Type genus: *Anommatus* Wesmael, 1835.

**Subfamily BOTHRIDERINAE Erichson, 1845**

BOTHRIDERINI Erichson, 1845: 287 [stem: *Bothrider-*]. Type genus: *Bothrideres* Dejean, 1835.

DERETAPHRINI G. H. Horn, 1878: 578 [stem: *Deretaphr-*]. Type genus: *Deretaphrus* Newman, 1842.

DASTARCINI Reitter, 1922a: 39 [stem: *Dastarc-*]. Type genus: *Dastarcus* Walker, 1858.

**Family CERYLONIDAE Billberg, 1820**

CERYLONIDES Billberg, 1820a: 47 [stem: *Cerylon-*]. Type genus: *Cerylon* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1995c)]. Comment: CERYLONIDAE Billberg, 1820 placed on the Official List of Family-Group Names in Zoology (ICZN 1995c).

**Subfamily EUXESTINAE Grouvelle, 1908**

EUXESTINAE Grouvelle, 1908: 397, in key [stem: *Euxest-*]. Type genus: *Euxestus* Wollaston, 1858.

PACHYOCHTHESINAE Reitter, 1911: 105 [stem: *Pachyochth-*]. Type genus: *Pachyochthes* Reitter, 1897 [syn. of *Hypodacne* J. L. LeConte, 1875]. Comment: incorrect original stem formation, not in prevailing usage.

METACERYLINI Heinze, 1944: 21 [stem: *Metacerylon-*]. Type genus: *Metacerylon* Grouvelle, 1906. Comment: incorrect original stem formation, not in prevailing usage.

CYCLOXENINI Jeannel and Paulian, 1945: 57, in key [stem: *Cycloxen-*]. Type genus: *Cycloxenus* Arrow, 1925.

TACHYORYCTIDIINI Jeannel and Paulian, 1945: 57, in key [stem: *Tachyoryctidi-*]. Type genus: *Tachyoryctidium* Jeannel and Paulian, 1945.

**Subfamily LOEBLIORYLONINAE Ślipiński, 1990**

LOEBLIORYLININAE Ślipiński, 1990: 81 [stem: *Loebliorylon-*]. Type genus: *Loebliorylon* Ślipiński, 1990. Comment: incorrect original stem formation, not in prevailing usage.



### Subfamily OSTOMOPSINAE Sen Gupta and Crowson, 1973

OSTOMOPSINI Sen Gupta and Crowson, 1973: 400 [stem: *Ostomops*]. Type genus: *Ostomopsis* Scott, 1922. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Ostomopse*-).

### Subfamily MURMIDIINAE Jacquelin du Val, 1858

MURMIDIIDES Jacquelin du Val, 1858: 227 [stem: *Murmidi*]. Type genus: *Murmidius* Leach, 1822. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 78, as MURMIDIIDAE), generally accepted as in Pakaluk et al. (1994: 232, as MURMIDIINAE).

### Subfamily CERYLONINAE Billberg, 1820

CERYLONIDES Billberg, 1820a: 47 [stem: *Cerylon*]. Type genus: *Cerylon* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1995c)]. Comment: CERYLONIDAE Billberg, 1820a placed on the Official List of Family-Group Names in Zoology (ICZN 1995c); this family-group name was also used in the same year by Billberg (1820b: 394, as CERYLONIDES).

PLEOSOMIDES Fauvel, 1891: 162 [stem: *Ploeosomat*]. Type genus: *Ploeosoma* Wollaston, 1854. Comment: incorrect original stem formation, not in prevailing usage.

LAPETHINAE Sharp, 1894: 445 [stem: *Lapeth*]. Type genus: *Lapethus* Casey, 1890 [syn. of *Mychocerus* Erichson, 1845].

MYCHOCERINAE Sharp, 1895b: 494 [stem: *Mychocer*]. Type genus: *Mychocerus* sensu J. L. LeConte, 1869 [syn. of *Mychocerinus* Ślipiński, 1990]. Comment: based on a misidentified type genus.

ACULAGNATHIDAE Oke, 1932: 22 [stem: *Aculagnath*]. Type genus: *Aculagnathus* Oke, 1932.

DOLOSIDAE Dajoz, 1963: 96 [stem: *Dolos*]. Type genus: *Dolosus* Dajoz, 1963 [subgenus of *Thyroderus* Sharp, 1885].

### Family ALEXIIDAE Imhoff, 1856

ALEXIIDAE Imhoff, 1856: [2] 151 [stem: *Alexi*]. Type genus: *Alexia* Stephens, 1833 [syn. of *Sphaerosoma* Stephens, 1832].

SPHAEROSOMINAE Ganglbauer, 1899: 913 [stem: *Sphaerosomat*]. Type genus: *Sphaerosoma* Stephens, 1832. Comment: incorrect original stem formation, not in prevailing usage.

### Family DISCOLOMATIDAE Horn, 1878

DISCOLOMIDAE G. H. Horn, 1878: 557 [stem: *Discolomat*]. Type genus: *Discoloma* Erichson, 1845. Comment: incorrect original stem formation, not in prevailing usage.

### Subfamily NOTIOPHYGINAE Jakobson, 1915

NOTIOPHYGIDAE Jakobson, 1915: 920 [stem: *Notiophyg*]. Type genus: *Notiophygus* Gory, 1834.

**Tribe DYSTHEAMONINI John, 1954**

DYSTHEAMONINI John, 1954: 42 [stem: *Dystheamon*-.]. Type genus: *Dystheamon* Grouvelle, 1927.

**Tribe NOTIOPHYGINI Jakobson, 1915**

NOTIOPHYGIDAE Jakobson, 1915: 920 [stem: *Notiophyg*-.]. Type genus: *Notiophygus* Gory, 1834.

**Tribe PACHYPLACINI John, 1954**

PACHYPLACINI John, 1954: 38 [stem: *Pachyplac*-.]. Type genus: *Pachyplacus* John, 1935.

**Subfamily DISCOLOMATINAE Horn, 1878**

DISCOLOMIDAE G. H. Horn, 1878: 557 [stem: *Discolomat*-.]. Type genus: *Discoloma* Erichson, 1845. Comment: incorrect original stem formation, not in prevailing usage.

**Subfamily APHANOCEPHALINAE Jakobson, 1904**

APHANOCEPHALIDAE Jakobson, 1904: 273 [stem: *Aphanocephal*-.]. Type genus: *Aphanocephalus* Wollaston, 1873. Comment: name previously attributed to Grouvelle (1912: 198); usage of APHAENOCEPHALIDAE by Ganglbauer (1903: 316) in STAPHYLINOIDEA is a *lapsus calami* for PHAENOCEPHALIDAE (now in PHALACRIDAE) according to Lawrence and Newton (1995).

**Subfamily CEPHALOPHANINAE John, 1954**

CEPHALOPHANINAE John, 1954: 64 [stem: *Cephalophan*-.]. Type genus: *Cephalophanus* John, 1940.

**Subfamily PONDONATINAE John, 1954**

PONDONATINAE John, 1954: 19 [stem: *Pondonat*-.]. Type genus: *Pondonatus* John, 1954.

**Family ENDOMYCHIDAE Leach, 1815**

ENDOMYCHIDES Leach, 1815: 116 [stem: *Endomych*-.]. Type genus: *Endomychus* Panzer, 1795.

**Subfamily MEROPHYSIINAE Seidlitz, 1872**

MEROPHYSIINI Seidlitz, 1872 [Gatt.]: 39 [stem: *Merophysi*-.]. Type genus: *Merophysia* Lucas, 1852.

HOLOPARAMECINI Seidlitz, 1888 [Gatt.]: 57 [stem: *Holoparamec*-.]. Type genus: *Holoparamecus* Curtis, 1833.

**Subfamily PLEGANOPHORINAE Jacquelin du Val, 1858**

PLÉGANOPHORIDES Jacquelin du Val, 1858: 186 [stem: *Pleganophor*-.]. Type genus: *Pleganophorus* Hampe, 1855. Comment: original vernacular name

available (Art. 11.7.2): first used in latinized form by Gerstaecker (1861: 419, as PLEGANOPHORIDAE), generally accepted as in Pakaluk et al. (1994: 233, as PLEGANOPHORINAE).

TROCHOIDÉITES Chapuis, 1876: 146 [stem: *Trochoide*]. Type genus: *Trochoideus* Westwood, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Ganglbauer (1899: 926, as TROCHOIDEINAE); the earlier use of TROCHOÏDEIDAE by Gorham (1874: 185) is not considered to be a proposal for a new family-group taxon but was rather used as a hypothetical example addressed to the editors of the journal.

### **Subfamily ANAMORPHINAE Strohecker, 1953**

ANAMORPHINI Strohecker, 1953: 15, in key [stem: *Anamorph*]. Type genus: *Anamorphus* J. L. LeConte, 1878.

MYCHOTHENINAE Sasaji, 1978: 8 [stem: *Mychothen*]. Type genus: *Mychothenus* Strohecker, 1953.

ACRITOSOMATINAE Pakaluk and Ślipiński, 1995: 328 [stem: *Acritosomat*]. Type genus: *Acritosoma* Pakaluk and Ślipiński, 1995.

### **Subfamily LEIESTINAE Thomson, 1863**

LEIESTINA C. G. Thomson, 1863: 306 [stem: *Leiest*]. Type genus: *Leiestes* Chevrolat, 1836.

RHANES J. L. LeConte and G. H. Horn, 1883: 120 [stem: *Rhanid*]. Type genus: *Rhanis* J. L. LeConte, 1854 [preoccupied genus name, not *Rhanis* C. L. Koch, 1846 [Arachnida]; syn. of *Rhanidea* Strohecker, 1953]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

PHYMAPHORINA Jakobson, 1915: 961 [stem: *Phymaphor*]. Type genus: *Phymaphora* Newman, 1838.

### **Subfamily MYCETAEINAE Jacquelin du Val, 1857**

MYCETÉIDES Jacquelin du Val, 1857b: 102 [stem: *Mycetae*]. Type genus: *Mycetaea* Stephens, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gerstaecker (1861: 419, as MYCETAEIDAE), generally accepted as in Pakaluk et al. (1994: 233, as MYCETAEINAE); incorrect original stem formation, not in prevailing usage.

### **Subfamily EUPSILOBIINAE Casey, 1895**

EUPSILOBIINI Casey, 1895: 452 [stem: *Eupsilobi*]. Type genus: *Eupsilobius* Casey, 1895 [syn. of *Eidoreus* Sharp, 1885].

CERASOMMATIDIIDAE Brèthes, 1925: 199 [stem: *Cerasommatidi*]. Type genus: *Cerasommatidia* Brèthes, 1925.

EIDOREINAE Sasaji, 1986: 235 [stem: *Eidore*]. Type genus: *Eidoreus* Sharp, 1885.

**Subfamily XENOMYCETINAE Strohecker, 1962**

XENOMYCETINAE Strohecker, 1962: 801, in key [stem: *Xenomycet-*]. Type genus: *Xenomycetes* G. H. Horn, 1880.

**Subfamily DANASCELINAE Tomaszewska, 2000**

DANASCELINAE Tomaszewska, 2000: 494, in key [stem: *Danascel-*]. Type genus: *Danascelis* Tomaszewska, 1999. Comment: current spelling maintained (Art. 29.3.1.1): incorrect original stem formation in prevailing usage (should be *Danascelid-*).

**Subfamily ENDOMYCHINAE Leach, 1815**

ENDOMYCHIDES Leach, 1815: 116 [stem: *Endomych-*]. Type genus: *Endomychus* Panzer, 1795.

\*AGARICOPHILES Motschulsky, 1849: 58 [stem: *Agaricophil-*]. Type genus: *Agaricophilus* Motschulsky, 1837. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

CYCLOTOMIDAE Imhoff, 1856: [2] 151 [stem: *Cyclotom-*]. Type genus: *Cyclotoma* Mulsant, 1851.

\*AGARICOPHILINAE Lawrence, 1991: 484 [stem: *Agaricophil-*]. Type genus: *Agaricophilus* Motschulsky, 1837. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); proposed as new without reference to AGARICOPHILES Motschulsky, 1849.

**Subfamily EPIPOCINAE Gorham, 1873**

EPIPOCIDAE Gorham, 1873: 20 [stem: *Epipoc-*]. Type genus: *Epipocus* Germar, 1843.

**Subfamily STENOTARSINAE Chapuis, 1876**

STÉNOTARSITES Chapuis, 1876: 125 [stem: *Stenotars-*]. Type genus: *Stenotarsus* Perty, 1832. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Csiki (1901: 37, as STENOTARSINI), generally accepted as in Shockley et al. (2009: 73, as STENOTARSINAE).

**Subfamily LYCOPERDININAE Bromhead, 1838**

LYCOPERDINADAE Bromhead, 1838: 419 [stem: *Lycoperdin-*]. Type genus: *Lycoperdina* Latreille, 1807. Comment: name previously attributed to L. Redtenbacher (1844); incorrect original stem formation, not in prevailing usage.

EUMORPHIDAE Gistel, 1848: [10] [stem: *Eumorph-*]. Type genus: *Eumorphus* Weber, 1801.

DAPSINI Gerstaecker, 1858: 170 [stem: *Daps-*]. Type genus: *Dapsa* Latreille, 1829.

CORYNOMALIDAE Gorham, 1873: 14 [stem: *Corynomal-*]. Type genus: *Corynomalus* Gerstaecker, 1857.

AMPHICINI Csiki, 1910: 25 [stem: *Amphic-*]. Type genus: *Amphix* Laporte, 1840.

BECCARIINI Arrow, 1925: 278 [stem: *Beccari-*]. Type genus: *Beccaria* Gorham, 1885 [preoccupied genus name, not *Beccaria* Bourguignat, 1883 [Mollusca]; syn. of *Beccariola* Arrow, 1943]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

AMPHISTERNINI Strohecker, 1964: 319 [stem: *Amphistern-*]. Type genus: *Amphisternus* Germar, 1843.

### **Family COCCINELLIDAE Latreille, 1807**

COCCINELLIDAE Latreille, 1807: 70 [stem: *Coccinell-*]. Type genus: *Coccinella* Linnaeus, 1758.

### **Subfamily MICROWEISEINAE Leng, 1920**

MICROWEISEINI Leng, 1920: 213 [stem: *Microweise-*]. Type genus: *Microweisea* Cockerell, 1903.

### **Tribe MICROWEISEINI Leng, 1920**

MICROWEISEINI Leng, 1920: 213 [stem: *Microweise-*]. Type genus: *Microweisea* Cockerell, 1903.

### **Tribe SERANGIINI Pope, 1962**

\*SERANGIINI Blackwelder, 1945: 450 [stem: *Serangi-*]. Type genus: *Serangium* Blackburn, 1889. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

SERANGIINI Pope, 1962: 627 [stem: *Serangi-*]. Type genus: *Serangium* Blackburn, 1889.

### **Tribe SUKUNAHIKONINI Kamiya, 1960**

SUKUNAHIKONINI Kamiya, 1960: 24 [stem: *Sukunahikon-*]. Type genus: *Sukunahikona* Kamiya, 1960 [syn. of *Scymnomorphus* Weise, 1897].

SCOTOSCYMNINAE Duverger, 2003: 63 [stem: *Scotoscymn-*]. Type genus: *Scotoscymnus* Weise, 1901. Comment: name proposed to replace SUKUNAHIKONINI Kamiya, 1960 because of the synonymy of the type genus.

### **Subfamily COCCINELLINAE Latreille, 1807**

COCCINELLIDAE Latreille, 1807: 70 [stem: *Coccinell-*]. Type genus: *Coccinella* Linnaeus, 1758.

### **Tribe ARGENTIPILOSINI Gordon and de Almeida, 1991**

ARGENTIPILOSINI Gordon and de Almeida, 1991: 150 [stem: *Argentipilos-*]. Type genus: *Argentipilosa* Gordon and de Almeida, 1991.

### **Tribe ASPIDIMERINI Mulsant, 1850**

ASPIDIMÉRAIRES Mulsant, 1850: 943 [stem: *Aspidimer-*]. Type genus: *Aspidimerus* Mulsant, 1850. Comment: original vernacular name available (Art. 11.7.2):

first used in latinized form by Jakobson (1915: 969, as ASPIDIMERINA), generally accepted as in Pakaluk et al. (1994: 234, as ASPIDIMERINI).

### **Tribe AZYINI Mulsant, 1850**

AZYAIRES Mulsant, 1850: 927 [stem: *Azy-*]. Type genus: *Azya* Mulsant, 1850.

Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Crotch (1874: 279, as AZYAE), generally accepted as in Pakaluk et al. (1994: 233, as AZYINI).

\*BUCOLITES Chapuis, 1876: 237 [stem: *Bucol-*]. Type genus: *Bucolus* Mulsant, 1850. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

### **Tribe BRACHIACANTHINI Mulsant, 1850**

BRACHYACANTHAIRES Mulsant, 1850: 520 [stem: *Brachiacanth-*]. Type genus: *Brachiacantha* Chevrolat, 1836 [as *Brachyacantha*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Duverger (1990: 143, as BRACHIACANTHADINI [incorrect stem formation]), generally accepted as in Pakaluk et al. (1994: 249, as BRACHIACANTHINI); incorrect original stem formation, not in prevailing usage.

### **Tribe CARINODULINI Gordon, Pakaluk and Ślipiński, 1989**

CARINODULINI Gordon et al., 1989: 360 [stem: *Carinodul-*]. Type genus: *Carinodula* Gordon et al., 1989.

### **Tribe CEPHALOSCYMNINI Gordon, 1985**

CEPHALOSCYMNINI Gordon, 1985: 66 [stem: *Cephaloscymn-*]. Type genus: *Cephaloscymnus* Crotch, 1872.

### **Tribe CHILOCORINI Mulsant, 1846**

CHILOCORIENS Mulsant, 1846: 166 [stem: *Chilocor-*]. Type genus: *Chilocorus* Leach, 1815. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1885: 239, as CHILOCORINI), generally accepted as in Pakaluk et al. (1994: 234, as CHILOCORINI).

\*EXOCHOMAIRES Mulsant, 1850: 465 [stem: *Exochom-*]. Type genus: *Exochomus* Redtenbacher, 1843. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

### **Tribe CHNOODINI Mulsant, 1850**

CHNOODIENS Mulsant, 1850: 907 [stem: *Chnood-*]. Type genus: *Chnoodes* Chevrolat, 1843. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Sicard (1909: 103, as



CHNOODINI); name incorrectly treated as unavailable by Pakaluk et al. (1994: 248).

\*SIOLAIRES Mulsant, 1850: 931 [stem: *Siol-*]. Type genus: *Siola* Mulsant, 1850. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

EXOPLECTRIDES Crotch, 1874: xiii [stem: *Exoplectr-*]. Type genus: *Exoplectra* Chevrolat, 1836.

SUMNIINI Hoang, 1982: 138 [stem: *Sumni-*]. Type genus: *Sumnius* Weise, 1892.

### Tribe COCCIDULINI Mulsant, 1846

COCCIDULIENS Mulsant, 1846: 266 [stem: *Coccidul-*]. Type genus: *Coccidula* Kugelann, 1798. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gistel (1848: [10], as COCCIDULAEIDAE [incorrect stem formation]), generally accepted as in Pakaluk et al. (1994: 233, as COCCIDULINI).

\*RHIZOBIATES Mulsant, 1846: 261 [stem: *Rhyzobi-*]. Type genus: *Rhyzobius* Stephens, 1829 [as *Rhizobius*, unjustified emendation of type genus name by Agassiz (1846b: 327), not in prevailing usage]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant (1846); incorrect original stem formation, not in prevailing usage.

RHIZOBIINA C. G. Thomson, 1866: 328 [stem: *Rhyzobi-*]. Type genus: *Rhyzobius* Stephens, 1829 [as *Rhizobius*, unjustified emendation of type genus name by Agassiz (1846b: 327), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; the name RHIZOBIINAE Buckton, 1883 (type genus *Rhizobius* Burmeister, 1835) is available in Hemiptera.

### Tribe COCCINELLINI Latreille, 1807

COCCINELLIDAE Latreille, 1807: 70 [stem: *Coccinell-*]. Type genus: *Coccinella* Linnaeus, 1758.

\*ADONIATES Mulsant, 1846: 35 [stem: *Adoni-*]. Type genus: *Adonia* Mulsant, 1846 [syn. of *Hippodamia* Chevrolat, 1836]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

\*HIPPODAMIAIRES Mulsant, 1846: 30 [stem: *Hippodami-*]. Type genus: *Hippodamia* Chevrolat, 1836. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

\*MICRASPIAIRES Mulsant, 1846: 162 [stem: *Micraspid-*]. Type genus: *Micraspis* Chevrolat, 1836. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

\*MYSIATES Mulsant, 1846: 125 [stem: *Myzi-*]. Type genus: *Myzia* Mulsant, 1846 [as *Mysia*, alternative original spelling of type genus name; we follow Kovář (2007: 620) in using *Myzia* as the correct spelling for this genus]. Comment:

- original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.
- HALYZIAIRES Mulsant, 1846: 123 [stem: *Halysi-*]. Type genus: *Halysia* Mulsant, 1846. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Pakaluk et al. (1994: 234, as HALYZIINI).
- ALESIAIRES Mulsant, 1850: 343 [stem: *Alesi-*]. Type genus: *Alesia* Mulsant, 1850 [syn. of *Micraspis* Chevrolat, 1836]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Mader (1934: 297, as ALESIINI), generally accepted as in Mader (1954: 93, as ALESIINA).
- \*CARIAIRES Mulsant, 1850: 228 [stem: *Cari-*]. Type genus: *Caria* Mulsant, 1850 [preoccupied genus name, not *Caria* Hübner, 1823 [Lepidoptera]; syn. of *Megalocaria* Crotch, 1874]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Casey (1899: 72, as CARIINI), but not generally accepted as valid; if name found to be available then permanently invalid (Art. 39): based on preoccupied type genus.
- COELOPHORAIRE Mulsant, 1850: 374 [stem: *Coelophor-*]. Type genus: *Coelophora* Mulsant, 1850. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Mader (1954: 93, as COELOPHORINA).
- CYDONIAIRES Mulsant, 1850: 429 [stem: *Cydoni-*]. Type genus: *Cydonia* Mulsant, 1850 [syn. of *Cheilomenes* Chevrolat, 1836]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Mader (1954: 93, as CYDONIINA).
- DISCOTOMAIRES Mulsant, 1850: 214 [stem: *Discotom-*]. Type genus: *Discotoma* Mulsant, 1850. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Korschevsky (1932: 577, as DISCOTOMINI), generally accepted as in Pakaluk et al. (1994: 234, as DISCOTOMINI).
- TYTTHASPIDES Crotch, 1874: xiii [stem: *Tytthaspid-*]. Type genus: *Tytthaspis* Crotch, 1874.
- SYNONYCHINI Weise, 1885: 7 [stem: *Synonych-*]. Type genus: *Synonycha* Chevrolat, 1836.
- PSYLLOBORINI Casey, 1899: 73 [stem: *Psyllobor-*]. Type genus: *Psyllobora* Chevrolat, 1836.
- ANISOSTICTINA Jakobson, 1915: 969 [stem: *Anisostict-*]. Type genus: *Anisosticta* Chevrolat, 1836.
- ANISOLEMNIINA Mader, 1954: 93, in key [stem: *Anisolemni-*]. Type genus: *Anisolemnia* Crotch, 1874.
- BULAEINI Savoyskaya, 1969: 102 [stem: *Bulae-*]. Type genus: *Bulaea* Mulsant, 1850.
- SINGHIKALIINI Miyatake, 1972: 96 [stem: *Singhikali-*]. Type genus: *Singhikalia* Kapur, 1963.

**Tribe CRANOPHORINI Mulsant, 1850**

CRANOPHORAIRE Mulsant, 1850: 939 [stem: *Cranophor-*]. Type genus: *Cranophorus* Mulsant, 1850. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Casey (1899: 74, as CRANOPHORINI), generally accepted as in Pakaluk et al. (1994: 233, as CRANOPHORINI).

**Tribe CRYPTOGNATHINI Mulsant, 1850**

CRYPTOGNATHAIRES Mulsant, 1850: 496 [stem: *Cryptognath-*]. Type genus: *Cryptognatha* Mulsant, 1850. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gordon (1971: 181, as CRYPTOGNATHINI), generally accepted as in Pakaluk et al. (1994: 249, as CRYPTOGNATHINI).

\*PENTILIAIRES Mulsant, 1850: 501 [stem: *Pentili-*]. Type genus: *Pentilia* Mulsant, 1850. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant (1846).

PENTILIINI Casey, 1899: 74 [stem: *Pentili-*]. Type genus: *Pentilia* Mulsant, 1850.

OENEINI Casey, 1899: 74 [stem: *Oene-*]. Type genus: *Oeneis* Mulsant, 1850 [pre-occupied genus name, not *Oeneis* Hübner, 1819 [Lepidoptera]; syn. of *Delphastus* Casey, 1899]. Comment: permanently invalid (Art. 39): based on pre-occupied type genus; the taxon Oeneini Wheeler, 1903 (type genus *Oeneis* Hübner, 1819) is available in Lepidoptera.

**Tribe CYNEGETINI Thomson, 1866**

CYNEGETIDES C. G. Thomson, 1866: 374 [stem: *Cyneget-*]. Type genus: *Cynegetis* Chevrolat, 1836. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Cynegetid-*).

MADAINI Gordon, 1975: 206 [stem: *Mad-*]. Type genus: *Mada* Mulsant, 1850. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe DIOMINI Gordon, 1999**

DIOMINI Gordon, 1999: 4 [stem: *Diom-*]. Type genus: *Diomus* Mulsant, 1850.

**Tribe EPILACHNINI Mulsant, 1846**

EPILACHNIENS Mulsant, 1846: 190 [stem: *Epilachn-*]. Type genus: *Epilachna* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Ganglbauer (1898: 947, as EPILACHNINAE), generally accepted as in Pakaluk et al. (1994: 234, as EPILACHNINI).

\*CHNOOTRIBAIRES Mulsant, 1850: 697 [stem: *Chnootrib-*]. Type genus: *Chnootriba* Chevrolat, 1836. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

SUBCOCCINELLINI Jakobson, 1915: 968 [stem: *Subcoccinell-*]. Type genus: *Subcoccinella* Huber, 1841.

**Tribe EPIVERTINI Pang and Mao, 1979**

EPIVERTINI Pang and Mao, 1979: 158 [stem: *Epivert-*]. Type genus: *Epiverta* Dieke, 1947.

**Tribe EREMOCHILINI Gordon and Vanderberg, 1987**

EREMOCHILINI Gordon and Vanderberg, 1987: 6 [stem: *Eremochil-*]. Type genus: *Eremochilus* Weise, 1912.

**Tribe HYPERASPIDINI Mulsant, 1846**

HYPÉRASPIENS Mulsant, 1846: 177 [stem: *Hyperaspid-*]. Type genus: *Hyperaspis* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1885: 5, as HYPERASPINI), generally accepted as in Pakaluk et al. (1994: 233, as HYPERASPINI); incorrect original stem formation, not in prevailing usage.

\*THALASSAIRES Mulsant, 1850: 505 [stem: *Thalass-*]. Type genus: *Thalassa* Mulsant, 1850. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

\*TIPHYSAIRES Mulsant, 1850: 516 [stem: *Tiphys-*]. Type genus: *Tiphysa* Mulsant, 1850. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

**Tribe LIMNICHOPHARINI Miyatake, 1994**

LIMNICHOPHARINI Miyatake, 1994: 269 [stem: *Limnichophar-*]. Type genus: *Limnichopharus* Miyatake, 1994.

**Tribe MONOCORYNINI Miyatake, 1988**

MONOCORYNINI Miyatake, 1988: 28 [stem: *Monocoryn-*]. Type genus: *Monocoryna* Gorham, 1885.

**Tribe NOVIINI Mulsant, 1846**

NOVIAIRES Mulsant, 1846: 213 [stem: *Novi-*]. Type genus: *Novius* Mulsant, 1846 [the original spelling used by Mulsant was *Nomius* (p. 213), however, the spelling was changed to *Novius* by Mulsant in the “Addenda et errata” of the same work and is therefore considered a justified emendation (Art. 19.2)]. Comment: the original spelling of this family-group name was NOMIAIRES (based on the new genus *Nomius* Mulsant, 1846), the spelling of the family-group and genus-group names were changed to NOVIAIRES and *Novius* in the “Addenda et errata” of the same work, NOVIAIRES is therefore treated as the correct original spelling of this family-group name (Art. 19.2); original vernacular name available (Art. 11.7.2): first used in latinized form by Ganglbauer (1899: 977, as NOVIINI), generally accepted as in Pakaluk et al. (1994: 233, as NOVIINI).

\***RODOLIAIRES** Mulsant, 1850: 901 [stem: *Rodoli-*]. Type genus: *Rodolia* Mulsant, 1850. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

**Tribe ORTALIINI Mulsant, 1850**

**ORTALIENS** Mulsant, 1850: 892 [stem: *Ortali-*]. Type genus: *Ortalia* Mulsant, 1850. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Crotch (1874: 274, as **ORTALIAE**), generally accepted as in Pakaluk et al. (1994: 234, as **ORTALIINI**).

**Tribe ORYSSOMINI Gordon, 1974**

**ORYSSOMINI** Gordon, 1974: 146 [stem: *Oryssom-*]. Type genus: *Oryssomus* Mulsant, 1850.

**Tribe PLATYNASPINI Mulsant, 1846**

**PLATYNASPIAIRES** Mulsant, 1846: 215 [stem: *Platynasp-*]. Type genus: *Platynaspis* Redtenbacher, 1843. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Casey (1899: 109, as **PLATYNASPINI**), generally accepted as in Pakaluk et al. (1994: 234, as **PLATYNASPINI**); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Platynaspid-*).

**Tribe PLOTININI Miyatake, 1994**

**PLOTININI** Miyatake, 1994: 279 [stem: *Plotin-*]. Type genus: *Plotina* Lewis, 1896.

**Tribe PORIINI Mulsant, 1850**

**PORIENS** Mulsant, 1850: 884 [stem: *Pori-*]. Type genus: *Poria* Mulsant, 1850. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Gorham (1894: 206, as **PORIIDES** [treated as Latin]).

**Tribe SCYMNILLINI Casey, 1899**

**SCYMNILLINI** Casey, 1899: 74 [stem: *Scymnill-*]. Type genus: *Scymnillus* G. H. Horn, 1895.

**ZILINI** Gordon, 1985: 74 [stem: *Zil-*]. Type genus: *Zilus* Mulsant, 1850. Comment: name proposed to replace **SCYMNILLINI** Casey, 1899 because of the synonymy of the type genus at that time.

**Tribe SCYMNINI Mulsant, 1846**

**SCYMNIAIRES** Mulsant, 1846: 189 [stem: *Scymn-*]. Type genus: *Scymnus* Kugelann, 1794. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1885: 5, as **SCYMNINI**), generally accepted as in

Pakaluk et al. (1994: 233, as SCYMNINI); incorrect original stem formation, not in prevailing usage.

\*CRYPTOLAEMAIRE Mulsant, 1853: 267 [stem: *Cryptolaem-*]. Type genus: *Cryptolaemus* Mulsant, 1853. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

### Tribe SELVADIINI Gordon, 1985

SELVADIINI Gordon, 1985: 347 [stem: *Selvadi-*]. Type genus: *Selvadius* Casey, 1899.

### Tribe SHIROZUELLINI Sasaji, 1967

SHIROZUELLINI Sasaji, 1967: 23 [stem: *Shirozuell-*]. Type genus: *Shirozuella* Sasaji, 1967.

GHANIINI Ahmad, 1973: 449 [stem: *Ghani-*]. Type genus: *Ghanius* Ahmad, 1973.

### Tribe STETHORINI Dobzhansky, 1924

STETHORINI Dobzhansky, 1924: 20 [stem: *Stethor-*]. Type genus: *Stethorus* Weise, 1885.

### Tribe STICHOLOTIDINI Weise, 1901

PHARINI Casey, 1899: 74 [stem: *Phar-*]. Type genus: *Pharus* Mulsant, 1850 [preoccupied genus name, not *Pharus* Gray, 1840 [Mollusca]; syn. of *Pharoscymnus* Bedel, 1906]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; this family-group name was also proposed in the same year by Ganglbauer (1899: 954, as PHARINI), priority could not be established between those two works; the name PHARINAE Adams and Adams, 1856 in Mollusca (type genus *Pharus* Gray, 1840) is available.

STICHOLOTINI Weise, 1901: 430 [stem: *Sticholotid-*]. Type genus: *Sticholotis* Crotch, 1874. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Gordon (1977: 186).

CLANINI Weise, 1901: 430 [stem: *Clan-*]. Type genus: *Clanis* Mulsant, 1850 [preoccupied genus name, not *Clanis* Hübner, 1819 [Lepidoptera]; syn. of *Jauravia* Motschulsky, 1858]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

COELOPTERINI Weise, 1906: column 369 [stem: *Coelopter-*]. Type genus: *Coelopterus* Mulsant and Rey, 1852. Comment: name previously attributed to Della Beffa (1912: 171, as COELOPTERINI [incorrect stem formation]) in the literature.

### Tribe TELSIMIINI Casey, 1899

TELSIMIINI Casey, 1899: 74 [stem: *Telsimi-*]. Type genus: *Telsimia* Casey, 1899.

### Tribe TETRABRACHINI Kapur, 1948

LITHOPHILIDAE Imhoff, 1856: [2] 151 [stem: *Lithophil-*]. Type genus: *Lithophilus* Fröhlich, 1799 [preoccupied genus name, not *Lithophilus* Schneider, 1791



[Coleoptera: CARABIDAE]; syn. of *Tetrabrachys* Kapur, 1948]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

TETRABRACHINAE Kapur, 1948: 320 [stem: *Tetrabrach-*]. Type genus: *Tetrabrachys* Kapur, 1948. Comment: replacement name for LITHOPHILINAE Imhoff, 1856 because of the homonymy of the type genus; current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Tetrabrache-*).

### **Family CORYLOPHIDAE LeConte, 1852**

CORYLOPHI J. L. LeConte, 1852b: 141 [stem: *Coryloph-*]. Type genus: *Corylophus* Stephens, 1833.

### **Subfamily PERIPTYCTINAE Ślipiński, Lawrence and Tomaszewska, 2001**

PERIPTYCTINAE Ślipiński et al., 2001: 312 [stem: *Periptyct-*]. Type genus: *Periptyctus* Blackburn, 1825.

### **Subfamily CORYLOPHINAE LeConte, 1852**

CORYLOPHI J. L. LeConte, 1852b: 141 [stem: *Coryloph-*]. Type genus: *Corylophus* Stephens, 1833.

### **Tribe AENIGMATICINI Casey, 1900**

AENIGMATICINI Casey, 1900: 61 [stem: *Aenigmatic-*]. Type genus: *Aenigmaticum* A. Matthews, 1888.

### **Tribe CLEIDOSTETHINI Bowstead, Booth, Ślipiński and Lawrence, 2001**

CLEIDOSTETHINI Bowstead et al., 2001: 323 [stem: *Cleidosteth-*]. Type genus: *Cleidostethus* Arrow, 1929.

### **Tribe CORYLOPHINI LeConte, 1852**

CORYLOPHI J. L. LeConte, 1852b: 141 [stem: *Coryloph-*]. Type genus: *Corylophus* Stephens, 1833.

### **Tribe FOADIINI Ślipiński, Tomaszewska and Lawrence, 2009**

FOADIINI Ślipiński et al., 2009: 422 [stem: *Foadi-*]. Type genus: *Foadia* Pakaluk, 1985.

### **Tribe ORTHOPERINI Jacquelin du Val, 1857**

ORTHOPÉRITES Jacquelin du Val, 1857b: 100 [stem: *Orthoper-*]. Type genus: *Orthoperus* Stephens, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by C. G. Thomson (1859: 63, as ORTHOPERIDAE), generally accepted as in Ślipiński et al. (2009: 428, as ORTHOPERINI).

### **Tribe PARMULINI Poey, 1854**

CLYPEASTRES L. Redtenbacher, 1845: 122 [stem: *Clypeaster-*]. Type genus: *Clypeaster* Dejean, 1821 [preoccupied genus name, not *Clypeaster* Lamarck, 1801

[Echinodermata]; syn. of *Clypastraea* Haldeman, 1842]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage; CLYPEASTERIDAE L. Agassiz, 1835 (type genus *Clypeaster* Lamarck, 1801) is available in Echinodermata.

PARMULINI Poey, 1854: 323 [stem: *Parmul-*]. Type genus: *Parmulus* Gundlach, 1854 [syn. of *Clypastraea* Haldeman, 1842].

SACIINA A. Matthews, 1888: 103 [stem: *Saci-*]. Type genus: *Sacium* J. L. LeConte, 1852 [syn. of *Clypastraea* Haldeman, 1842].

ARTHROLIPINAE Böving and Craighead, 1931: 36, in key [stem: *Arthrolip-*]. Type genus: *Arthrolips* Wollaston, 1854.

### Tribe PELTINODINI Paulian, 1950

PELTINODITAE Paulian, 1950: 19 [stem: *Peltinod-*]. Type genus: *Peltinodes* Paulian, 1950 [syn. of *Holopsis* Broun, 1883]. Comment: precedence (PELTINODINI Paulian, 1950 vs CORYLOPHODINI Paulian, 1950) given to taxon originally proposed at the higher rank (Art. 24.1).

CORYLOPHODINI Paulian, 1950: 21, in key [stem: *Corylophod-*]. Type genus: *Corylophodes* A. Matthews, 1885 [syn. of *Holopsis* Broun, 1883].

### Tribe RYPOBIINI Paulian, 1950

RHYPOBIINI Paulian, 1950: 48 [stem: *Rypobi-*]. Type genus: *Rypobius* J. L. LeConte, 1852 [as *Rhypobius*, unjustified emendation of type genus name by Gemminger and Harold (1876: 3818), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

GLOEOSOMATINI Bowstead, 1999: 128 [stem: *Gloeosomat-*]. Type genus: *Gloeosoma* Wollaston, 1854.

### Tribe SERICODERINI Matthews, 1888

SERICODERINA A. Matthews, 1888: 103 [stem: *Sericoder-*]. Type genus: *Sericoderus* Stephens, 1829.

### Tribe TEPLININI Pakaluk, Ślipiński and Lawrence, 1994

PELTININI Paulian, 1950: 21, in key [stem: *Peltin-*]. Type genus: *Peltinus* Mulsant, 1861 [preoccupied genus name, not *Peltinus* Rafinesque, 1815 [Coleoptera: TROGOSSITIDAE]; syn. of *Teplinus* Pakaluk et al., 1994]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

TEPLININI Pakaluk et al., 1994: 251 [stem: *Teplin-*]. Type genus: *Teplinus* Pakaluk et al., 1994. Comment: replacement name for PELTININI Paulian, 1950 because of the homonymy of the type genus.

### Family AKALYPTOISCHIIDAE Lord, Hartley, Lawrence, McHugh and Miller, 2010

AKALYPTOISCHIIDAE Lord et al., 2010: 761 [stem: *Akalyptoischi-*]. Type genus: *Akalyptoischion* Andrews, 1976.

### **Family LATRIDIIDAE Erichson, 1842**

LATHRIDIEN Erichson, 1842: 122 [stem: *Latridi-*]. Type genus: *Latridius* Herbst, 1793 [as *Lathridius*, unjustified emendation of type genus name by Illiger (1802), not in prevailing usage]. Comment: the younger name LATRIDIIDAE has been used widely for this family in recent literature although Pakaluk et al. (1994: 252) and a small number of subsequent authors, e.g., Míka (2000), Lassau et al. (2005), have used the older name CORTICARIIDAE; an application was recently submitted to the Commission in order to conserve usage of the well-established name LATRIDIIDAE (Bousquet et al. 2010; see Appendix 6).

### **Subfamily LATRIDIINAE Erichson, 1842**

LATHRIDIEN Erichson, 1842: 122 [stem: *Latridi-*]. Type genus: *Latridius* Herbst, 1793 [as *Lathridius*, unjustified emendation of type genus name by Illiger (1802), not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by L. Redtenbacher (1845: 123, as LATHRIDII), generally accepted as in Lawrence and Newton (1995: 886, as LATRIDIIDAE); incorrect original stem formation, not in prevailing usage.

### **Subfamily CORTICARIINAE Curtis, 1829**

CORTICARIDAE Curtis, 1829: pl. 283 [stem: *Corticari-*]. Type genus: *Corticaria* Marsham, 1802. Comment: incorrect original stem formation, not in prevailing usage; although this is the oldest name for the family, an application was recently submitted by Bousquet et al. (2010) to conserve usage of the well-established name LATRIDIIDAE (see Appendix 6).

\*MELANOPHTHALMIDAE Arnett, 1962b: 835 [stem: *Melanophthalm-*]. Type genus: *Melanophthalma* Motschulsky, 1866. Comment: family-group name unavailable (Art. 11.6): originally published as synonym and not made available subsequently; name listed by Arnett as a synonym of LATRIDIIDAE and attributed to “auct.”, we could find an earlier usage of this name.

### **†Subfamily TETRAMEROPSEINAE Kirejtshuk and Azar, 2008**

TETRAMEROPSINAE Kirejtshuk and Azar, 2008: 36 [stem: *Tetrameropse-*]. Type genus: *Tetrameropsis* Kirejtshuk and Azar, 2008. Comment: incorrect original stem formation, not in prevailing usage.

### **Superfamily TENEBRIONOIDEA Latreille, 1802**

TENEBRIONITES Latreille, 1802: 165 [stem: *Tenebrion-*]. Type genus: *Tenebrio* Linnaeus, 1758. Comment: First Revisers found (TENEBRIONOIDEA Latreille, 1802 vs MORDELLOIDEA Latreille, 1802) are Alonso-Zarazaga and Mansilla-Castrillo (1988: 19).

**Family MYCETOPHAGIDAE Leach, 1815**

MYCETOPHAGIDA Leach, 1815: 110 [stem: *Mycetophag*-. Type genus: *Mycetophagus* Fabricius, 1792.

**Subfamily ESARCINAE Reitter, 1882**

ESARCINI Reitter, 1882a: 115 [stem: *Esarc*-. Type genus: *Esarcus* Reiche, 1864.

**Subfamily MYCETOPHAGINAE Leach, 1815**

MYCETOPHAGIDA Leach, 1815: 110 [stem: *Mycetophag*-. Type genus: *Mycetophagus* Fabricius, 1792.

**Tribe MYCETOPHAGINI Leach, 1815**

MYCETOPHAGIDA Leach, 1815: 110 [stem: *Mycetophag*-. Type genus: *Mycetophagus* Fabricius, 1792.

TRITOMIDAE Crotch, 1873a: 78 [stem: *Tritom*-. Type genus: *Tritoma* Geoffroy, 1762 [senior homonym of *Tritoma* Fabricius, 1775 [Coleoptera: EROTYLIDAE] but placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1994a); syn. of *Mycetophagus* Fabricius, 1792]. Comment: permanently invalid (Art. 39): based on suppressed type genus; TRITOMIDAE was also used the same year by Crotch (1873b: 42).

TRIPHYLLINI Harold, 1880: 757 [stem: *Triphyll*-. Type genus: *Triphyllus* Dejean, 1821.

**Tribe TYPHAEINI Thomson, 1863**

TYPHAEINA C. G. Thomson, 1863: 241 [stem: *Typhae*-. Type genus: *Typhaea* Stephens, 1829.

TYPHAEINI Nikitsky, 1993: 165 [stem: *Typhae*-. Type genus: *Typhaea* Stephens, 1829. Comment: family-group name proposed as new without reference to TYPHAEINA C. G. Thomson, 1863.

**Subfamily BERGININAE Leng, 1920**

BERGINI Leng, 1920: 246 [stem: *Bergin*-. Type genus: *Berginus* Erichson, 1846. Comment: incorrect original stem formation, not in prevailing usage.

**Family ARCHEOCRYPTICIDAE Kaszab, 1964**

ARCHEOCRYPTICINI Kaszab, 1964: 361 [stem: *Archeocryptic*-. Type genus: *Archeocrypticus* Kaszab, 1964.

**Family PTEROGENIIDAE Crowson, 1953**

PTEROGENIIDAE Crowson, 1953: 38 [stem: *Pterogeni*-. Type genus: *Pterogenius* Candèze, 1861.

**Family CIIDAE Leach, 1819**

CISIDAE Leach, 1819: 206 [stem: *Ci-*]. Type genus: *Cis* Latreille, 1797. Comment: incorrect original stem formation, not in prevailing usage; Gistel (1848: [6], 1856a: 368) used the name MICROTROCTEIDAE for a family that included only the genus *Cis* Latreille, we could not find any genus name on which MICROTROCTEIDAE could be based on therefore this family-group name is unavailable.

**Subfamily SPHINDOCIINAE Lawrence, 1974**

SPHINDOCIINAE Lawrence, 1974b: 9 [stem: *Sphindoci-*]. Type genus: *Sphindocis* Fall, 1917. Comment: published 28 June 1974; this family-group name was also used in the same year by Lawrence (1974a [22 January]: 24, as SPHINDOCIINAE) but the older name is unavailable because it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Subfamily CIINAE Leach, 1819**

CISIDAE Leach, 1819: 206 [stem: *Ci-*]. Type genus: *Cis* Latreille, 1797.

**Tribe CIINI Leach, 1819**

CISIDAE Leach, 1819: 206 [stem: *Ci-*]. Type genus: *Cis* Latreille, 1797. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe OROPHIINI Thomson, 1863**

OROPHIINA C. G. Thomson, 1863: 195 [stem: *Oroph-*]. Type genus: *Orophius* L. Redtenbacher, 1848 [syn. of *Octotemnus* Mellié, 1847].

OCTOTEMNIDAE Reitter, 1878: 21 [stem: *Octotemn-*]. Type genus: *Octotemnus* Mellié, 1847.

RHOPALODONTINI Everts, 1898: 517, in key [stem: *Ropalodont-*]. Type genus: *Ropalodontus* Mellié, 1847 [as *Rhopalodontus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: the fossil Reptilia name RHOPALODONTIDAE Seeley, 1894 (type genus *Rhopalodon* Fischer von Waldheim, 1841) is available, therefore we recommend using the spelling *Ropalodont-* for the ciid name in order to avoid homonymy problems; incorrect original stem formation, not in prevailing usage.

**Tribe XYLOGRAPHELLINI Kawanabe and Miyatake, 1996**

XYLOGRAPHELLINI Kawanabe and Miyatake, 1996: 125 [stem: *Xylographell-*]. Type genus: *Xylographella* Miyatake, 1985.

**Subtribe SYNCOSMETINA Lopes-Andrade, 2008**

SYNCOSMETINA Lopes-Andrade, 2008: 40 [stem: *Syncosmet-*]. Type genus: *Syncosmetus* Sharp, 1891.

**Subtribe XYLOGRAPHELLINA Kawanabe and Miyatake, 1996**

XYLOGRAPHELLINI Kawanabe and Miyatake, 1996: 125 [stem: *Xylographell-*].

Type genus: *Xylographella* Miyatake, 1985.

**Family TETRATOMIDAE Billberg, 1820**

TETRATOMAEDES Billberg, 1820a: 34 [stem: *Tetratom-*]. Type genus: *Tetratoma* Fabricius, 1790.

**Subfamily TETRATOMINAE Billberg, 1820**

TETRATOMAEDES Billberg, 1820a: 34 [stem: *Tetratom-*]. Type genus: *Tetratoma* Fabricius, 1790.

**Subfamily PISENINAE Miyatake, 1960**

PISENINI Miyatake, 1960: 124 [stem: *Pisen-*]. Type genus: *Pisenus* Casey, 1900.

**Subfamily PENTHINAE Lacordaire, 1859**

PENTHIDES Lacordaire, 1859: 456 [stem: *Penth-*]. Type genus: *Penthe* Newman, 1838.

Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by G. H. Horn (1888: 43, as PENTHINI), generally accepted as in Young and Pollock (2002: 415, as PENTHINAE).

**Subfamily HALLOMENINAE Gistel, 1848**

HALLOMENIDAE Gistel, 1848: [11] [stem: *Hallomen-*]. Type genus: *Hallomenus* Panzer, 1793.

\*DRYALATES Mulsant, 1856b: 44 [stem: *Dryal-*]. Type genus: *Dryala* Mulsant, 1856 [syn. of *Hallomenus* Panzer, 1793]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

MYCÉTOMIENS Mulsant, 1856b: 103 [stem: *Mycetomat-*]. Type genus: *Mycetoma* Dejean, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Desbrochers des Loges (1900: 16, as MYCETOMINI); incorrect original stem formation, not in prevailing usage.

**Subfamily EUSTROPHINAE Gistel, 1848**

EUSTROPHIDAE Gistel, 1848: [10] [stem: *Eustroph-*]. Type genus: *Eustrophus* Illiger, 1802.

**Tribe EUSTROPHINI Gistel, 1848**

EUSTROPHIDAE Gistel, 1848: [10] [stem: *Eustroph-*]. Type genus: *Eustrophus* Illiger, 1802.

**Tribe HOLOSTROPHINI Nikitsky, 1998**

HOLOSTROPHINI Nikitsky, 1998: 39 [stem: *Holostroph-*]. Type genus: *Holostrophus* G. H. Horn, 1888.



**Family MELANDRYIDAE Leach, 1815**

MELYANDRIDA Leach, 1815: 104 [stem: *Melandry-*]. Type genus: *Melandrya* Fabricius, 1801.

**Subfamily MELANDRYINAE Leach, 1815**

MELYANDRIDA Leach, 1815: 104 [stem: *Melandry-*]. Type genus: *Melandrya* Fabricius, 1801.

**Tribe ANISOXIELLINI Nikitsky, 2007**

ANISOXIELLINI Nikitsky, 2007: 58 [stem: *Anisoxiell-*]. Type genus: *Anisoxiella* Nikitsky, 1989.

**Tribe DIRCAEINI Kirby, 1837**

DIRCAEIDAE Kirby, 1837: 240 [stem: *Dircae-*]. Type genus: *Dircaea* Fabricius, 1798.

**Tribe HYPULINI Gistel, 1848**

HYPULIDAE Gistel, 1848: [11] [stem: *Hypul-*]. Type genus: *Hypulus* Paykull, 1798.  
MAROLIINI Portevin, 1934: 57, in key [stem: *Maroli-*]. Type genus: *Marolia* Mulsant, 1856.

**Tribe MELANDRYINI Leach, 1815**

MELYANDRIDA Leach, 1815: 104 [stem: *Melandry-*]. Type genus: *Melandrya* Fabricius, 1801. Comment: incorrect original stem formation, not in prevailing usage.

\*PHRYGANOPHILES Motschulsky, 1849: 58 [stem: *Phryganophil-*]. Type genus: *Phryganophilus* Sahlberg, 1833. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

HYLEPNIGALIONIDAE Gistel, 1856a: 384 [stem: *Hylepnigalion-*]. Type genus: *Hylepnigalio* Gistel, 1856 [this genus originally included the species *caraboides* Linnaeus and *caniculatus* (without author name); the type species of *Hylepnigalio* Gistel, 1856 is here considered to be *Chrysomela caraboides* Linnaeus, 1760 by monotypy; **syn. nov.** of *Melandrya* Fabricius, 1801]. Comment: **syn. nov.**

**Tribe ORCHESIINI Mulsant, 1856**

ORCHÉSIENS Mulsant, 1856b: 27 [stem: *Orchesi-*]. Type genus: *Orchesia* Latreille, 1807. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by C. G. Thomson (1859: 119, as ORCHESIINA), generally accepted as in Nikitsky and Pollock (2008: 68, as ORCHESIINI).

**Tribe SERROPALPINI Latreille, 1829**

SERROPALPIDES Latreille, 1829b: 43 [stem: *Serropalp-*]. Type genus: *Serropalpus* Hellenius, 1786.

**Tribe XYLITINI Thomson, 1864**

XYLITINA C. G. Thomson, 1864: 316 [stem: *Xylit-*]. Type genus: *Xylita* Paykull, 1798.

**Tribe ZILORINI Desbrochers des Loges, 1900**

ZILORINI Desbrochers des Loges, 1900: 2, in key [stem: *Zilor-*]. Type genus: *Zilora* Mulsant, 1856. Comment: spelled ZILORINI in description on page 2 (in key), but correctly spelled ZILORINI on p. 17 of the same work.

ZILORINI Nikitsky, 2007: 60 [stem: *Zilor-*]. Type genus: *Zilora* Mulsant, 1856. Comment: family-group name proposed as new without reference to ZILORINI Desbrochers des Loges, 1900.

**Subfamily OSPHYINAE Mulsant, 1856 (1839)**

NOTHIDAE Shuckard, 1839b: 51 [stem: *Noth-*]. Type genus: *Nothus* A. G. Olivier, 1811 [syn. of *Osphya* Illiger, 1807]. Comment: OSPHYINAE Mulsant, 1856 conserved over this name (Art. 40.2) (see Lawrence and Newton 1995: 888).

\*OSPHTIES Motschulsky, 1849: 59 [stem: *Osphy-*]. Type genus: *Osphya* Illiger, 1807. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849); incorrect original stem formation, not in prevailing usage.

OSPHTYENS Mulsant, 1856b: 108 [stem: *Osphy-*]. Type genus: *Osphya* Illiger, 1807. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1875 [Gatt.]: 103, as OSPHTYINI), generally accepted as in Pollock (2002: 421, as OSPHYINAE); name conserved over the older NOTHINAE Shuckard, 1839 (Art. 40.2) (see Lawrence and Newton 1995: 888).

CONOPALPIENS Mulsant, 1856b: 105 [stem: *Conopalp-*]. Type genus: *Conopalpus* Gyllenhal, 1810. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by C. G. Thomson (1864: 313, as CONOPALPINA), generally accepted as in Hansen (1996: 171, as CONOPALPINI).

**Family MORDELLIDAE Latreille, 1802**

MORDELLONAE Latreille, 1802: 183 [stem: *Mordell-*]. Type genus: *Mordella* Linnaeus, 1758.

†PRAEMORDELLINAE Ščegoleva-Barovskaya, 1929: 27 [stem: *Praemordell-*]. Type genus: *Praemordella* Ščegoleva-Barovskaya, 1929.

†LIAOXIMORDELLIDAE Wang, 1993: 87 [stem: *Liaoximordell-*]. Type genus: *Liaoximordella* Wang, 1993.

**Subfamily CTENIDIINAE Franciscolo, 1951**

CTENIDIINAE Franciscolo, 1951: 56 [stem: *Ctenidi-*]. Type genus: *Ctenidia* Laporte, 1840.

**Subfamily MORDELLINAE Latreille, 1802**

MORDELLONAE Latreille, 1802: 183 [stem: *Mordell*-.]. Type genus: *Mordella* Linnaeus, 1758.

**Tribe CONALIINI Ermisch, 1956**

CONALIINI Ermisch, 1956: 273 [stem: *Conali*-.]. Type genus: *Conalia* Mulsant and Rey, 1858.

**Tribe MORDELLINI Latreille, 1802**

MORDELLONAE Latreille, 1802: 183 [stem: *Mordell*-.]. Type genus: *Mordella* Linnaeus, 1758.

**Tribe MORDELLISTENINI Ermisch, 1941**

MORDELLISTENINI Ermisch, 1941: 714 [stem: *Mordellisten*-.]. Type genus: *Mordellistena* A. Costa, 1854.

**Tribe REYNOLDSIELLINI Franciscolo, 1957**

REYNOLDSIELLINI Franciscolo, 1957: 237 [stem: *Reynoldsiell*-.]. Type genus: *Reynoldsiella* Ray, 1930.

**Tribe STENALIINI Franciscolo, 1955**

STENALIINI Franciscolo, 1955: 177 [stem: *Stenali*-.]. Type genus: *Stenalia* Mulsant, 1856.

**Family RIPIPHORIDAE Gemminger, 1870 (1855)**

RHIPIDOPHORIDAE Gemminger, 1870: 2117 [stem: *Ripiphor*-.]. Type genus: *Ripiphorus* Bosc, 1791 [as *Rhipidophorus*, unjustified emendation of *Ripiphorus* Bosc, 1791 by Perty (1831: xix), not in prevailing usage]. Comment: name conserved over the older MYODITIDAE Gerstaecker, 1855 (Art. 40.2) (see Lawrence and Newton 1995: 889, as “MYODITINI Costa, 1853”); First Reviser (RIPIPHORIDAE Gemminger, 1870 (1855) vs PTILOPHORIDAE Gerstaecker, 1855 vs RIPIDIIDAE Gerstaecker, 1855) not determined, prevailing usage maintained.

**Subfamily PTILOPHORINAE Gerstaecker, 1855**

\*PTILOPHORES Motschulsky, 1849: 59 [stem: *Ptilophor*-.]. Type genus: *Ptilophorus* Dejean, 1834. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849).

PTILOPHORINI Gerstaecker, 1855: 2 [stem: *Ptilophor*-.]. Type genus: *Ptilophorus* Dejean, 1834.

ÉVANIOCÉRIDES Lacordaire, 1859: 618 [stem: *Evaniocer*-.]. Type genus: *Evaniocera* Guérin-Méneville, 1835 [syn. of *Ptilophorus* Dejean, 1834]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte

(1862: 276, as EVANIOCERINI), generally accepted as in J. L. LeConte and G. H. Horn (1883: xxxvii, as EVANIOCERINI).

**Subfamily PELECOTOMINAE Seidlitz, 1875**

PELECOTOMINI Seidlitz, 1875 [Gatt.]: 104 [stem: *Pelecotom-*]. Type genus: *Pelecotoma* Fischer von Waldheim, 1808.

MICHOLAEMINAE Viana, 1971: 69 [stem: *Micholaem-*]. Type genus: *Micholaemus* Viana, 1971.

**Subfamily HEMIRHIPIDIINAE Heller, 1921**

HEMIRHIPIDIINI Heller, 1921: 168 [stem: *Hemirhipidi-*]. Type genus: *Hemirhipidius* Heller, 1921 [syn. of *Nephrites* Shuckard, 1838].

NEPHRITINAE Selander, 1957: 101 [stem: *Nephrit-*]. Type genus: *Nephrites* Shuckard, 1838. Comment: name proposed to replace HEMIRHIPIDIINI Heller because of the synonymy of the type genus, HEMIRHIPIDIINAE is in prevailing usage (see Lawrence and Newton, 1995: 889).

**Subfamily RIPIDIINAE Gerstaecker, 1855**

RHIPIDIINI Gerstaecker, 1855: 14 [stem: *Ripidi-*]. Type genus: *Ripidius* Thunberg, 1806 [as *Rhipidius*, unjustified emendation of type genus name by Agassiz (1846b: 327), not in prevailing usage].

**Tribe EORHIPIDIINI Iablokoff-Khnzorian, 1986**

EORHIPIDIINI Iablokoff-Khnzorian, 1986: 92 [stem: *Eorhipidi-*]. Type genus: *Eorhipidius* Iablokoff-Khnzorian, 1986.

**Tribe RIPIDIINI Gerstaecker, 1855**

RHIPIDIINI Gerstaecker, 1855: 14 [stem: *Ripidi-*]. Type genus: *Ripidius* Thunberg, 1806 [as *Rhipidius*, unjustified emendation of type genus name by Agassiz (1846b: 327), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; spelling of family-group and type genus names based on Krell (1996).

**Subfamily RIPIPHORINAE Gemminger, 1870 (1855)**

RHIPIDOPHORIDAE Gemminger, 1870: 2117 [stem: *Ripiphor-*]. Type genus: *Ripiphorus* Bosc, 1791 [as *Rhipidophorus*, unjustified emendation of *Ripiphorus* Bosc, 1791 by Perty (1831: xix), not in prevailing usage]. Comment: name conserved over the older MYODITINAE Gerstaecker, 1855 (Art. 40.2) (see Lawrence and Newton 1995: 889, as "MYODITINI Costa, 1853").

**Tribe MACROSIAGONINI Heyden, 1908**

RHIPIPHORITES Laporte, 1840b: 261 [stem: *Ripiphor-*]. Type genus: *Ripiphorus* sensu Fabricius, 1792 [as *Rhipiphorus*, incorrect subsequent spelling of the

type genus name, not in prevailing usage; not *Ripiphorus* Bosc, 1791; syn. of *Metoecus* Dejean, 1834]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Gerstaecker (1855: 17, as RHIPIPHORINI [incorrect stem formation]); based on a misidentified type genus; name treated here as invalid until an application is submitted to the Commission to suppress it for the Principles of Priority and Homonymy (Art. 65.2.1); also see RIPIPHORINI Gemminger, 1870.

MACROSIAGONINI L. Heyden, 1908: 45 [stem: *Macrosiagon*-]. Type genus: *Macrosiagon* Hentz, 1830. Comment: although this is not the oldest name for the tribe, we recommend that an application be sent to the Commission to suppress RIPIPHORINI Laporte, 1840 because it is based on a misidentified type genus (Art. 65.2.1).

### **Tribe RIPIPHORINI Gemminger, 1870 (1855)**

\*MIODITINI A. Costa, 1853: 2 [stem: *Myodit*-]. Type genus: *Myodites* Latreille, 1829 [syn. of *Ripiphorus* Bosc, 1791]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally treated as valid attributed to A. Costa, 1853; incorrect original stem formation, not in prevailing usage.

MYODITINI Gerstaecker, 1855: 15 [stem: *Myodit*-]. Type genus: *Myodites* Latreille, 1829 [syn. of *Ripiphorus* Bosc, 1791]. Comment : usage of younger name RIPIPHORINI Gemminger, 1870 conserved over this name (Art. 40.2) (see Lawrence and Newton 1995: 889, as “MYODITINI Costa, 1853”).

RHIPIDOPHORIDAE Gemminger, 1870: 2117 [stem: *Ripiphor*-]. Type genus: *Ripiphorus* Bosc, 1791 [as *Rhipidophorus*, unjustified emendation of type genus name by Perty (1831: xix), not in prevailing usage]. Comment: name conserved over the older MYODITINI Gerstaecker, 1855 (Art. 40.2) (see Lawrence and Newton 1995: 889, as “MYODITINI Costa, 1853”); incorrect original stem formation, not in prevailing usage; as mentioned by Lawrence and Newton (1995: 889) a number of authors used RIPIPHORIDAE before Gemminger, however, their family-group names were based on *Ripiphorus* sensu Fabricius, 1792, which is a synonym of *Metoecus* Dejean, 1834; spelling of family-group and type genus names based on Krell (1996); we recommend that an application be submitted to the Commission to suppress RIPIPHORITES Laporte, 1840 for the Principles of Priority and Homonymy (Art. 65.2.1).

### **Family ZOPHERIDAE Solier, 1834**

ZOPHÉRITES Solier, 1834: 505 [stem: *Zopher*-]. Type genus: *Zopherus* Gray, 1832. Comment: usage of this name conserved over COLYDIIDAE Billberg, 1820 (Art. 35.5).

### **Subfamily COLYDIINAE Billberg, 1820**

COLYDIIDES Billberg, 1820b: 394 [stem: *Colydi*-]. Type genus: *Colydium* Fabricius, 1792 [placed on the Official List of Generic Names in Zoology (ICZN 1995c)].

Comment: name placed on Official List of Family-Group Names in Zoology (as COLYDIIDAE Erichson, 1842) and given precedence over ORTHOCERINAE Blanchard, 1845 and CERYLONIDAE Billberg, 1820 whenever their type genera are placed in the same family-group taxon (ICZN 1995c); usage of the younger name ZOPHERIDAE Solier, 1834 conserved over this name (Art. 35.5).

### **Tribe ACROPINI Sharp, 1894**

ACROPINAE Sharp, 1894: 444 [stem: *Acrop-*]. Type genus: *Acropis* H. C. C. Burmeister, 1840. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Acropid-*).

### **Tribe ADIMERINI Sharp, 1894**

ADIMERIDAE Sharp, 1894: 441 [stem: *Adimer-*]. Type genus: *Adimerus* Sharp, 1894.

MONOEDIDAE Schaeffer, 1911: 114 [stem: *Monoed-*]. Type genus: *Monoedus* G. H. Horn, 1882.

### **Tribe COLYDIINI Billberg, 1820**

COLYDIIDES Billberg, 1820b: 394 [stem: *Colydi-*]. Type genus: *Colydium* Fabricius, 1792 [placed on the Official List of Generic Names in Zoology (ICZN 1995c)].

### **Tribe GEMPYLODINI Sharp, 1893**

GEMPYLODINI Sharp, 1893: 256 [stem: *Gempylod-*]. Type genus: *Gempylodes* Pascoe, 1863.

### **Tribe NEMATIDIINI Horn, 1878**

NEMATIDII G. H. Horn, 1878: 573 [stem: *Nematidi-*]. Type genus: *Nematidium* Erichson, 1845.

### **Tribe ORTHOCERINI Blanchard, 1845**

SARROTRIIDES Billberg, 1820a: 9 [stem: *Sarrotri-*]. Type genus: *Sarrotrium* Illiger, 1798 [syn. of *Orthocerus* Latreille, 1797]. Comment: the same name was also published in the same year by Billberg (1820b: 390); SARROTRIIDAE Billberg, 1820 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1995c).

ORTHOCÉRITES Blanchard, 1845b: 29 [stem: *Orthocer-*]. Type genus: *Orthocerus* Latreille, 1797 [placed on the Official List of Generic Names in Zoology (ICZN 1995c)]. Comment: ORTHOCERINI Blanchard, 1845 placed on Official List of Family-group names in Zoology (ICZN 1995c).

EUGLOCHIDAE Gistel, 1856a: 382 [stem: *Eugloch-*]. Type genus: *Euglochis* Gistel, 1856 [syn. of *Orthocerus* Latreille, 1797]. Comment: published 18 February 1856; this family-group name was also used in the same year by Gistel (1856b).



["31 December"]: 180, as EUGLOCHIDA); incorrect original stem formation, not in prevailing usage.

### Tribe RHAGODERINI Horn, 1878

RHAGODERINI G. H. Horn, 1878: 557 [stem: *Rhagoder-*]. Type genus: *Rhagodera* Mannerheim, 1843.

### Tribe RHOPALOCERINI Reitter, 1911

APISTINI Ganglbauer, 1899: 873 [stem: *Apist-*]. Type genus: *Apistus* Motschulsky, 1840 [*Apistus* is an unjustified emendation of type genus name, originally spelled *Apeistus*, by Agassiz (1846b: 28), in prevailing usage; the emended name is a junior homonym of *Apistus* Cuvier, 1829 [Pisces]; *Apeistus* Motschulsky, 1840 and *Apistus* Agassiz, 1846 were placed on Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1986b); syn. of *Rhopalocerus* Redtenbacher, 1842]. Comment: permanently invalid (Art. 39): based on pre-occupied type genus; placed on Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1986b).

RHOPALOCERINI Reitter, 1911: 108 [stem: *Rhopalocer-*]. Type genus: *Rhopalocerus* Redtenbacher, 1842 [placed on the Official List of Generic Names in Zoology (ICZN 1986b)]. Comment: placed on the Official List of Family-Group Names in Zoology (ICZN 1986b).

### Tribe SYNCHITINI Erichson, 1845

SYNCHITINI Erichson, 1845: 254 [stem: *Synchit-*]. Type genus: *Synchita* Hellwig, 1792. Comment: published before 31 June 1845; this family-group name was also used in the same year by L. Redtenbacher (1845 [before September]: 123, as SYNCHITAE).

DITOMIDAE Imhoff, 1856: [2] 159 [stem: *Bitom-*]. Type genus: *Bitoma* Herbst, 1793 [as *Ditoma*, unjustified emendation of type genus name by Illiger (1807), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; stem of the family-group name corrected according to Art. 35.4.1 and also to remove from potential homonymy with the older family-group name originally proposed as DITOMICI Bonelli, 1810 (type genus *Ditomus* Bonelli, 1810) in the family CARABIDAE.

COXELINI Seidlitz, 1872 [Gatt.]: 38 [stem: *Coxel-*]. Type genus: *Coxelus* Dejean, 1821.

LANGELANDIINA Fowler, 1889: 192 [stem: *Langelandi-*]. Type genus: *Langelandia* Aubé, 1843.

MEGATAPHRINI Casey, 1890: 309 [stem: *Megataphr-*]. Type genus: *Megataphrus* Casey, 1890.

TARPHIINAE Sharp, 1894: 444 [stem: *Tarphi-*]. Type genus: *Tarphius* Erichson, 1845.

CORTICINI Ganglbauer, 1899: 870 [stem: *Cortic-*]. Type genus: *Corticus* Latreille, 1829.

DIODESMINI Reitter, 1911: 110 [stem: *Diodesmat-*]. Type genus: *Diodesma* Latreille, 1829. Comment: incorrect original stem formation, not in prevailing usage.

TRACHYPHOLINI Grouvelle, 1911: 121 [stem: *Trachypholid-*]. Type genus: *Trachypholis* Erichson, 1845. Comment: incorrect original stem formation, not in prevailing usage.

ENDOPHLOEINI Reitter, 1922a: 17 [stem: *Endophloe-*]. Type genus: *Endophloeus* Dejean, 1834.

PRIOLOMINI Dajoz, 1980a: 127 [stem: *Priolom-*]. Type genus: *Priolomus* Erichson, 1845.

### **Subfamily ZOPHERINAE Solier, 1834**

ZOPHÉRITES Solier, 1834: 505 [stem: *Zopher-*]. Type genus: *Zopherus* Gray, 1832.

### **Tribe LATOMETINI Ślipiński and Lawrence, 1999**

LATOMETINI Ślipiński and Lawrence, 1999: 9, in key [stem: *Latomet-*]. Type genus: *Latometus* Erichson, 1842.

### **Tribe MONOMMATINI Blanchard, 1845**

MONOMMITES Blanchard, 1845b: 16 [stem: *Monommat-*]. Type genus: *Monomma* Klug, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 246, as MONOMMIDAE [incorrect stem formation]), generally accepted as in Lawrence and Newton (1995: 890, as MONOMMATIDAE); incorrect original stem formation, not in prevailing usage.

### **Tribe PHELLOPSINI Ślipiński and Lawrence, 1999**

PHELLOPSINI Ślipiński and Lawrence, 1999: 10, in key [stem: *Phellops-*]. Type genus: *Phellopsis* J. L. LeConte, 1862. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Phellopse-*).

### **Tribe PYCNOMERINI Erichson, 1845**

PYCNOMERINI Erichson, 1845: 290 [stem: *Pycnomer-*]. Type genus: *Pycnomerus* Erichson, 1842.

### **Tribe USECHINI Horn, 1867**

USECHINI G. H. Horn, 1867a: 294 [stem: *Usech-*]. Type genus: *Usechus* Motschulsky, 1845.

### **Tribe ZOPHERINI Solier, 1834**

ZOPHÉRITES Solier, 1834: 505 [stem: *Zopher-*]. Type genus: *Zopherus* Gray, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 392, as ZOPHEROIDAE), generally accepted as in Lawrence and Newton (1995: 891, as ZOPHERIDAE).

NOSODERMINI Casey, 1907: 280 [stem: *Nosodermat*-]. Type genus: *Nosoderma* Solier, 1841 [preoccupied genus name, not *Nosoderma* Guérin-Méneville, 1838 [Coleoptera: ZOPHERIDAE: ZOPHERINAE: ZOPHERINI]; syn. of *Verodes* Casey, 1907; see Foley and Ivie (2007) for comments on type genus]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; all subsequent uses of NOSODERMINI were based on the junior homonym *Nosoderma* Solier, 1841 (see Foley and Ivie 2007); incorrect original stem formation, not in prevailing usage.

ZOPHEROSINI Casey, 1907: 522 [stem: *Zopherose*-]. Type genus: *Zopherosis* A. White, 1859. Comment: incorrect original stem formation, not in prevailing usage.

### Family ULODIDAE Pascoe, 1869

ULODINAE Pascoe, 1869a: 31 [stem: *Ulod*-]. Type genus: *Ulodes* Erichson, 1842.

MERYCIDAE Crowson, 1953: 37 [stem: *Meryc*-]. Type genus: *Meryx* Latreille, 1802.

### Family PROMECHEILIDAE Lacordaire, 1859

PROMÉCHILIDES Lacordaire, 1859: 698 [stem: *Promecheil*-]. Type genus: *Promecheilus* Solier, 1851 [as *Promechilus*, unjustified emendation of type genus name by Lacordaire (1859: 700), not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Handlirsch (1925: 594, as PROMECHEILINAE), generally accepted as in Lawrence et al. (2010: 563, as PROMECHEILIDAE); incorrect original stem formation, not in prevailing usage.

PERIMYLOPIDAE St. George, 1939: 212 [stem: *Perimylop*-]. Type genus: *Perimylops* Müller, 1884.

\*PARAHELOPINAE Watt, 1975: 424 [stem: *Parahelop*-]. Type genus: *Parahelops* C. O. Waterhouse, 1876. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such description (Art. 13.1); this name was used several times subsequently, e.g., Elgueta and Arriagada (1989: 37), Lawrence and Britton (1991: 665), Lawrence (1994: 339), but this taxon name remains unavailable (see Lawrence and Newton 1995: 892).

### Family CHALCODRYIDAE Watt, 1974

CHALCODRYIDAE Watt, 1974: 24 [stem: *Chalcodry*-]. Type genus: *Chalcodrya* Redtenbacher, 1868.

### Family TRACHELOSTENIDAE Lacordaire, 1859

TRACHÉLOSTÉNIDES Lacordaire, 1859: 567 [stem: *Trachelosten*-]. Type genus: *Trachelostenus* Solier, 1851. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1898: 319, as TRACHELOSTENINI), generally accepted as in Lawrence and Newton (1995: 892 as TRACHELOSTENIDAE).

**Family TENEBRIONIDAE Latreille, 1802**

TENEBRIONITES Latreille, 1802: 165 [stem: *Tenebrion-*]. Type genus: *Tenebrio* Linnaeus, 1758. Comment: First Reviser (TENEBRIONIDAE Latreille, 1802 vs PIMELIIDAE Latreille, 1802 vs DIAPERIDAE Latreille, 1802) not determined, current usage maintained.

**Subfamily ZOLODININAE Watt, 1975**

ZOLODININAE Watt, 1975: 401 [stem: *Zolodin-*]. Type genus: *Zolodinus* Blanchard, 1853.

**Subfamily LAGRIINAE Latreille, 1825 (1820)**

LAGRIARIAE Latreille, 1825: 381 [stem: *Lagri-*]. Type genus: *Lagria* Fabricius, 1775. Comment: use of younger family-group name conserved over LACHNINAE Billberg, 1820 (Art. 40.2) (see Bouchard et al. 2005); the older name COSSYPHINAE Latreille, 1802 is not given precedence over this name because the current placement of COSSYPHINI in this subfamily is uncertain (see Bouchard et al. 2005).

**Tribe ADELIINI Kirby, 1828**

ADELIADAE Kirby, 1828: 525 [stem: *Adeli-*]. Type genus: *Adelium* Kirby, 1819. Comment: family-group name attributed to Hope (1840a: 188) in recent literature; this is a senior homonym of ADELIINI Viereck, 1918 (type genus *Adelius* Haliday, 1833) which is considered a valid tribe in the Hymenoptera: BRACONIDAE: CHELONINAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

\*APATÈLATES Mulsant and Rey, 1859: 87 [stem: *Apatel-*]. Type genus: *Apatelus* Mulsant and Rey, 1859. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 208, as APATELINI), but not generally accepted as valid; if evidence is found in the future that would lead to the treatment of Mulsant and Rey's name as available, this would threaten the younger name originally proposed as APATELINAE Grote, 1883 (type genus *Apatele* Hübner, 1822) in Lepidoptera which has been used as valid in recent literature.

**Tribe BELOPINI Reitter, 1917**

CALCARIENS Mulsant, 1854: 268 [stem: *Calcar-*]. Type genus: *Calcar* Dejean, 1821 [preoccupied genus name, not *Calcar* de Montfort, 1810 [Mollusca]; syn. of *Centorus* Mulsant, 1854]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Seidlitz (1895: 647, as CALCARINA); permanently invalid (Art. 39): based on preoccupied type genus.

BELOPINAE Reitter, 1917: 59 [stem: *Belop-*]. Type genus: *Belopus* Gebien, 1911. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Belopod-*).

**Tribe CHAERODINI Doyen, Matthews and Lawrence, 1990**

CHAERODINI Doyen et al., 1990: 239 [stem: *Chaerod-*]. Type genus: *Chaerodes* A. White, 1846.

**Tribe COSSYPHINI Latreille, 1802**

COSSYPHORES Latreille, 1802: 164 [stem: *Cossyph-*]. Type genus: *Cossyphus* A. G. Olivier, 1791. Comment: not given precedence over LAGRIINAE Latreille, 1825 because its current placement is uncertain (see Bouchard et al. 2005).

**Tribe GONIADERINI Lacordaire, 1859**

GONIADÉRIDES Lacordaire, 1859: 390 [stem: *Goniader-*]. Type genus: *Goniadera* Perty, 1832. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1895: 614, as GONIADERINA), generally accepted as in Gebien (1911: 467, as GONIADERINAE).

\*PHOBÉLIIDES Lacordaire, 1859: 393 [stem: *Phobeli-*]. Type genus: *Phobelius* Blanchard, 1845. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 212, as PHOBELIINI), but not generally accepted as valid.

ESCHATOPORINI Blaisdell, 1906: 78 [stem: *Eschatopori-*]. Type genus: *Eschatoporis* Blaisdell, 1906. Comment: incorrect original stem formation, not in prevailing usage.

PHOBELIINA Ardoin, 1961: 33 [stem: *Phobeli-*]. Type genus: *Phobelius* Blanchard, 1845.

\*ANAEDINI Skopin, 1964: 7 [stem: *Anaed-*]. Type genus: *Anaedus* Blanchard, 1845. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Tribe LAENINI Seidlitz, 1895**

LAENINA Seidlitz, 1895: 669 [stem: *Laen-*]. Type genus: *Laena* Dejean, 1821.

**Tribe LAGRIINI Latreille, 1825 (1820)**

LAGRIARIAE Latreille, 1825: 381 [stem: *Lagri-*]. Type genus: *Lagria* Fabricius, 1775. Comment: use of younger family-group name conserved over LACHNINI Billberg, 1820 (Art. 40.2) (see Bouchard et al. 2005).

**Subtribe LAGRIINA Latreille, 1825 (1820)**

\*LAGRIEN Oken, 1817: 1180 [stem: *Lagri-*]. Type genus: *Lagria* Fabricius, 1775. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Oken (1817).

LACHNAEDES Billberg, 1820a: 34 [stem: *Lachn-*]. Type genus: *Lachna* Billberg, 1820 [syn. of *Lagria* Fabricius, 1775]. Comment: the family-group names LACHNIDAE/-INAE/-INI Herrich-Schaeffer 1854 (based on *Lachnus* H. C.

C. Burmeister 1835) are currently used as valid in Hemiptera, LACHNINAE (incorrectly attributed to Passerini (1863)) was placed on the Official List of Family-Group Names in Zoology (ICZN 1956); this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

LAGRIARIAE Latreille, 1825: 381 [stem: *Lagri-*]. Type genus: *Lagri* Fabricius, 1775. Comment: use of younger family-group name conserved over LACHNINA Billberg, 1820 (Art. 40.2) (see Bouchard et al. 2005).

LOUBACANTINI Bonadona, 1959: 1034 [stem: *Loubacant-*]. Type genus: *Loubacantus* Bonadona, 1959 [syn. of *Entypodera* Gerstaecker, 1871]. Comment: originally proposed in ANTHICIDAE, transfer to LAGRIINAE by Bonadona (1984).

### Subtribe STATIRINA Blanchard, 1845

STATYRITES Blanchard, 1845b: 39 [stem: *Statir-*]. Type genus: *Statira* Lepeletier and Audinet-Serville, 1828 [as *Statyra*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 246, as STATYRINI), generally accepted as in Bouchard et al. (2005: 501, as STATYRINA); incorrect original stem formation, not in prevailing usage.

\*HYSTÉRARTHIDES Lacordaire, 1869: 231 [stem: *Hysterarthr-*]. Type genus: *Hysterarthron* J. Thomson, 1864. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 240, as HYSTERARTHRIINI), but not generally accepted as valid; type genus transferred from CERAMBYCIDAE by Ritsema (1892: 54).

### Tribe LUPROPINI Ardoin, 1958

LUPROPSINI Ardoin, 1958: 59 [stem: *Luprop-*]. Type genus: *Luprops* Hope, 1833. Comment: incorrect original stem formation, not in prevailing usage.

### Tribe PYCNOCERINI Lacordaire, 1859 *nomen protectum*

CHIROSCOLIDAE Hope, 1840a: 127 [stem: *Chiroscelid-*]. Type genus: *Chiroscelis* Lamarck, 1804. Comment: published before 30 September 1840; Bouchard et al. (2005: 524) treated this name and CHIROSCELITES Laporte (1840b [before 26 December]: 216) as *nomina oblita*; incorrect original stem formation, not in prevailing usage.

PYCNOCÉRIDES Lacordaire, 1859: 399 [stem: *Pycnocer-*]. Type genus: *Pycnocerus* Westwood, 1841. Comment: *nomen protectum* (see Bouchard et al. 2005: 524); original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1887: 50, as PYCNOCERIDAE), generally accepted as in Bouchard et al. (2005: 501, as PYCNOCERINI).



PRIOSCELINA Skopin, 1964: 30, in key [stem: *Prioscelid*–]. Type genus: *Prioscelis* Hope, 1840. Comment: incorrect original stem formation, not in prevailing usage.

### **Subfamily NILIONINAE Oken, 1843**

NILIONIDEN Oken, 1843: 484 [stem: *Nilion*–]. Type genus: *Nilio* Latreille, 1802 [incorrect subsequent spelling of *Nilion* by Latreille (1804b: 333), incorrect subsequent spelling in prevailing usage, treated as correct original spelling (Art. 33.3.1)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Tulk (1847: 614, as NILIONDAE [incorrect stem formation]); family-group name previously attributed to Lacordaire (1859: 518).

### **Subfamily PHRENAPATINAE Solier, 1834**

PHRÉPATIDES Solier, 1834: 488 [stem: *Phrenapat*–]. Type genus: *Phrenapates* Gray, 1832.

### **Tribe ARCHAEOGLENINI Watt, 1975**

ARCHAEOGLENINI Watt, 1975: 412 [stem: *Archaeoglen*–]. Type genus: *Archaeoglenes* Broun, 1893.

### **Tribe PENETINI Lacordaire, 1859**

PÉNÉTIDES Lacordaire, 1859: 318 [stem: *Penet*–]. Type genus: *Peneta* Lacordaire, 1859. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1894: 545, as PENETINA), generally accepted as in Bouchard et al. (2005: 501, as PENETINI).

PHTHORINI Boddy, 1965: 144 [stem: *Phthor*–]. Type genus: *Phthora* Mulsant, 1854 [as *Phthora*, incorrect subsequent spelling of type genus name, not in prevailing usage; *Phthora* is a junior homonym of *Phthora* Germar, 1836 [Coleoptera: TENEBRIONIDAE: DIAPERINAE]; syn. of *Clamoris* Gozis, 1886]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

### **Tribe PHRENAPATINI Solier, 1834**

PHRÉPATIDES Solier, 1834: 488 [stem: *Phrenapat*–]. Type genus: *Phrenapates* Gray, 1832 [as *Phrepates*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 287, as PHRENAPATOIDAE), generally accepted as in Bouchard et al. (2005: 501, as PHRENAPATINAE/-INI); incorrect original stem formation, not in prevailing usage.

### **Subfamily PIMELIINAE Latreille, 1802**

PIMELIARIAE Latreille, 1802: 166 [stem: *Pimeli*–]. Type genus: *Pimelia* Fabricius, 1775.

**Tribe ADELOSTOMINI Solier, 1834**

ADELOSTOMITES Solier, 1834: 502 [stem: *Adelostom-*]. Type genus: *Adelostoma* Duponchel, 1827. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 8, as ADELOSTOMOIDEAE), generally accepted as in Bouchard et al. (2005: 501, as ADELOSTOMINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Adelostomat-*).

\*EURYCHORITES Solier, 1837b: 153 [stem: *Eurychor-*]. Type genus: *Eurychora* Thunberg, 1791. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Solier (1837).

EURYCHORIDAE Hope, 1840a: 121 [stem: *Eurychor-*]. Type genus: *Eurychora* Thunberg, 1791.

**Tribe ADESMIINI Lacordaire, 1859 *nomen protectum***

\*MACROPODITES Solier, 1834: 501 [stem: *Macropod-*]. Type genus: *Macropoda* Solier, 1835. Comment: unavailable family-group name, not based on an available genus name.

\*MACROPODITES Solier, 1835b: 509 [stem: *Macropod-*]. Type genus: *Macropoda* Solier, 1835. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally accepted as valid.

\*ADESMIITES Blanchard, 1845b: 4 [stem: *Adesmi-*]. Type genus: *Adesmia* Fischer von Waldheim, 1822. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1845b).

MACROPODOIDEAE Agassiz, 1846b: 221 [stem: *Macropod-*]. Type genus: *Macropoda* Solier, 1835. Comment: *nomen oblitum* (Appendix 1); this name is a junior homonym of MACROPODIDAE Gray, 1821 in Mammalia (type genus *Macropus* Shaw and Nodder, 1790) which is on the Official List of Family-Group Names in Zoology.

MEGAGENIANOS Solier, 1851: 124 [stem: *Megageni-*]. Type genus: *Megagenius* Solier, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1887: 50, as MEGAGENIIDAE), generally accepted as in Bouchard et al. (2007: 386, as MEGAGENIINI); *nomen oblitum*, ADESMIINI Lacordaire, 1859 conserved over this name by Bouchard et al. (2007: 386).

ADESMIDES Lacordaire, 1859: 22 [stem: *Adesmi-*]. Type genus: *Adesmia* Fischer von Waldheim, 1822. Comment: *nomen protectum* (Appendix 1); original vernacular name available (Art. 11.7.2): first used in latinized form by Baudi di Selve (1875: 22, as ADESMIDAE [incorrect stem formation]), generally accepted as in Bouchard et al. (2005: 502); also ADESMIINI Lacordaire, 1859 conserved over MEGAGENIINI Solier, 1851 by Bouchard et al. (2007: 386).

ÉPIPHYSIDES Lacordaire, 1859: 29 [stem: *Epiphys*-]. Type genus: *Epiphysa* Dejean, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 213, as EPIPHYSINI), generally accepted as in Gebien (1910a: 82, as EPIPHYSINAE).

### Tribe AKIDINI Billberg, 1820

ACIDES Billberg, 1820a: 32 [stem: *Akid*-]. Type genus: *Akis* Herbst, 1799 [as *Acis*, unjustified emendation of type genus by Billberg (1820a), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

### Tribe ANEPSIINI LeConte, 1862

ANEPSIINI J. L. LeConte, 1862: 215 [stem: *Anepsi*-]. Type genus: *Anepsius* J. L. LeConte, 1851.

BATULIINI G. H. Horn, 1870: 270 [stem: *Batuli*-]. Type genus: *Batulius* J. L. LeConte, 1851.

ANCHOMMINI G. H. Horn, 1878: 558 [stem: *Anchommat*-]. Type genus: *Anchomma* J. L. LeConte, 1858 [genus originally proposed in COLYDIIDAE]. Comment: incorrect original stem formation, not in prevailing usage.

### Tribe ASIDINI Fleming, 1821

ASIDADAЕ Fleming, 1821: 51 [stem: *Asid*-]. Type genus: *Asida* Latreille, 1802.

\*MACHLIDES Lacordaire, 1859: 155 [stem: *Machl*-]. Type genus: *Machla* Herbst, 1799 [earlier usage of the type genus name by Lichtenstein (1796) was suppressed for nomenclatural purposes (ICZN 1995e); this genus is currently known under the name *Pseudomachla* Wilke, 1921]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form and attributed to the original author but not used as valid then (Bouchard et al. 2005: 506).

ASTROTI G. H. Horn, 1870: 289 [stem: *Astrot*-]. Type genus: *Astrotus* J. L. LeConte, 1858.

CRANIOTINI J. L. LeConte and G. H. Horn, 1883: 361 [stem: *Craniot*-]. Type genus: *Craniotus* J. L. LeConte, 1851.

MACHLINI Chatanay, 1914: 1 [stem: *Machl*-]. Type genus: *Machla* Herbst, 1799 [earlier usage of the type genus name by Lichtenstein (1796) was suppressed for nomenclatural purposes (ICZN 1995e); this genus is currently known under the name *Pseudomachla* Wilke, 1921].

PARECATINI Chatanay, 1914: 2 [stem: *Parecat*-]. Type genus: *Parecatus* Fairmaire, 1900.

### Tribe BOROMORPHINI Skopin, 1978

BOROMORPHINI Skopin, 1978: 228, in key [stem: *Boromorph*-]. Type genus: *Boromorphus* Wollaston, 1854.

**Tribe BRANCHINI LeConte, 1862**

BRANCHINI J. L. LeConte, 1862: 222 [stem: *Branch-*]. Type genus: *Branchus* J. L. LeConte, 1862.

**Tribe CAENOCRYPTICINI Koch, 1958**

CAENOCRYPTICINI Koch, 1958: 121 [stem: *Caenocryptic-*]. Type genus: *Caenocrypticus* Gebien, 1920.

**Tribe CERATANISINI Gebien, 1937**

APOLITINA Seidlitz, 1895: 666 [stem: *Apolit-*]. Type genus: *Apolites* Jacquelin du Val, 1861 [preoccupied genus name, not *Apolites* Sundevall, 1835 [Aves]; syn. of *Idastrandiella* Strand, 1929]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ANISOCERINI Reitter, 1906: 477 [stem: *Anisocer-*]. Type genus: *Anisocerus* Faldermann, 1837 [preoccupied genus name, not *Anisocerus* Audinet-Serville, 1835 [Coleoptera: CERAMBYCIDAE]; syn. of *Ceratanisus* Gemminger, 1870]. Comment: junior homonym of ANISOCERINI J. Thomson, 1860 [Coleoptera: CERAMBYCIDAE]; permanently invalid (Art. 39): based on preoccupied type genus.

CERATANISINI Gebien, 1937: 791 [stem: *Ceratanis-*]. Type genus: *Ceratanisus* Gemminger, 1870.

**Tribe CNEMEPLATIINI Jacquelin du Val, 1861**

CNÉMÉPLATIITES Jacquelin du Val, 1861: 286 [stem: *Cnemeplati-*]. Type genus: *Cnemeplatia* A. Costa, 1847.

**Subtribe ACTIZETINA Watt, 1992**

ACTIZETINA Watt, 1992: 297 [stem: *Actizet-*]. Type genus: *Actizeta* Pascoe, 1875.

**Subtribe CNEMEPLATIINA Jacquelin du Val, 1861**

\*AUTOCÉRIDES Lacordaire, 1859: 279 [stem: *Autocer-*]. Type genus: *Autocera* Wollaston, 1857 [syn. of *Cnemeplatia* A. Costa, 1847]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 208, as AUTOCERINI), but not generally accepted as valid.

CNÉMÉPLATIITES Jacquelin du Val, 1861: 286 [stem: *Cnemeplati-*]. Type genus: *Cnemeplatia* A. Costa, 1847. Comment: Bouchard et al. (2005: 504) considered Jacquelin du Val's name as unavailable based on the requirements of Art. 11.7.2, however, the recent usage of «CNEMEPLATIINI Jacquelin du Val, 1861» as a valid taxon by Löbl et al. (2008: 140) made this name available.

CNEMEPLATIINI Csiki, 1953: 117 [stem: *Cnemeplati-*]. Type genus: *Cnemeplatia* A. Costa, 1847. Comment: proposed as new without reference to CNÉMÉPLATIITES Jacquelin du Val, 1861.

**Subtribe RONDONIELLINA Ferrer and Moragues, 2000**

RONDONIELLINA Ferrer and Moragues, 2000: 100 [stem: *Rondoniell-*]. Type genus: *Rondoniella* Kaszab, 1970.

**Subtribe THORICTOSOMATINA Watt, 1992**

THORICTOSOMATINA Watt, 1992: 296 [stem: *Thorictosomat-*]. Type genus: *Thorictosoma* Lea, 1919.

**Tribe CNEMODININI Gebien, 1910**

CNEMODINI G. H. Horn, 1870: 266 [stem: *Cnemodont-*]. Type genus: *Cnemodus* G. H. Horn, 1870 [preoccupied genus name, not *Cnemodus* Herrich-Schaeffer, 1850 [Hemiptera]; syn. of *Cnemodinus* Cockerell, 1906]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

CNEMODININAE Gebien, 1910a: 4 [stem: *Cnemodin-*]. Type genus: *Cnemodinus* Cockerell, 1906.

**Tribe CONIONTINI Waterhouse, 1858**

CONIONTIDAE G. R. Waterhouse, 1858: 59 [stem: *Coniont-*]. Type genus: *Coniontis* Eschscholtz, 1829. Comment: family-group name previously attributed to Lacordaire (1859)/Schaum (1859) (see Bouchard et al. 2005: 502).

COELINI Casey, 1907: 500 [stem: *Coel-*]. Type genus: *Coelus* Eschscholtz, 1829.

EUSATTI Doyen, 1984: 11 [stem: *Eusatt-*]. Type genus: *Eusattus* J. L. LeConte, 1851.

**Tribe COSSYPHODINI Wasmann, 1899**

COSSYPHODIDAE Wasmann, 1899: 161 [stem: *Cossyphod-*]. Type genus: *Cossyphodes* Westwood, 1851. Comment: downgraded from a subfamily of TENEBRIONIDAE to a tribe of PIMELIINAE by Matthews et al. (2010).

**Subtribe COSSYPHODINA Wasmann, 1899**

COSSYPHODIDAE Wasmann, 1899: 161 [stem: *Cossyphod-*]. Type genus: *Cossyphodes* Westwood, 1851.

**Subtribe COSSYPHODITINA Basilewsky, 1950**

COSSYPHODITINAE Basilewsky, 1950a: 187 [stem: *Cossyphodit-*]. Type genus: *Cossyphodites* Brauns, 1901.

**Subtribe ESEMEPHINA Steiner, 1980**

ESEMEPHINI Steiner, 1980: 391 [stem: *Esemeph-*]. Type genus: *Esemephe* Steiner, 1980.

**Subtribe PARAMELLONINA Andreae, 1961**

PARAMELLONINAE Andreae, 1961: 200 [stem: *Paramellon*-]. Type genus: *Paramellon* C. O. Waterhouse, 1882. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Paramellont*-).

**Tribe CRYPTOCHILINI Solier, 1841**

CRYPTOCHILITES Solier, 1841: 248 [stem: *Cryptochil*-]. Type genus: *Cryptochile* Latreille, 1829.

**Subtribe CALOGNATHINA Lacordaire, 1859**

CALOGNATHIDES Lacordaire, 1859: 85 [stem: *Calognath*-]. Type genus: *Calognathus* Guérin-Méneville, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1887: 50, as CALOGNATHIDAE), generally accepted as in Gebien (1910a: 117, as CALOGNATHINAE).

**Subtribe CRYPTOCHILINA Solier, 1841**

CRYPTOCHILITES Solier, 1841: 248 [stem: *Cryptochil*-]. Type genus: *Cryptochile* Latreille, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1887: 50, as CRYPTOCHILIDAE), generally accepted as in Bouchard et al. (2005: 502, as CRYPTOCHILINI).

**Subtribe HOMEBIINA Endrödy-Younga, 1989**

HOMEBIINA Endrödy-Younga, 1989: 124 [stem: *Homebi*-]. Type genus: *Homebius* Endrödy-Younga, 1989.

**Subtribe HORATOMINA Koch, 1955**

HORATOMINA Koch, 1955: 14 [stem: *Horatom*-]. Type genus: *Horatoma* Solier, 1840.

**Subtribe VANSONIINA Koch, 1955**

VANSONINI Koch, 1955: 12 [stem: *Vanson*i-]. Type genus: *Vansonium* Koch, 1950. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe CRYPTOGLOSSINI LeConte, 1862 *nomen protectum***

CENTRIOPTÉRIDES Lacordaire, 1859: 134 [stem: *Centriopter*-]. Type genus: *Centrioptera* Mannerheim, 1843. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 220, as CENTRIOPTERAE), generally accepted as in Bouchard et al. (2005: 502, as CENTRIOPTERINI); *nomen oblitum* (see Aalbu 2006: 57).



CRYPTOGLOSSINI J. L. LeConte, 1862: 220 [stem: *Cryptogloss-*]. Type genus: *Cryptoglossa* Solier, 1837. Comment: *nomen protectum* (see Aalbu 2006: 57).

### Tribe EDROTINI Lacordaire, 1859

ÉDROTIDES Lacordaire, 1859: 31 [stem: *Edrot-*]. Type genus: *Edrotes* J. L. LeConte, 1851. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Casey (1907: 279, as EDROTINI), generally accepted as in Bouchard et al. (2005: 502, as EDROTINI).

TRIOROPHI J. L. LeConte and G. H. Horn, 1883: 362 [stem: *Trioroph-*]. Type genus: *Triorophus* J. L. LeConte, 1851.

AUCHMOBII J. L. LeConte and G. H. Horn, 1883: 362 [stem: *Auchmobi-*]. Type genus: *Auchmobius* J. L. LeConte, 1851.

TRIMYTINI Casey, 1907: 278 [stem: *Trimytid-*]. Type genus: *Trimytis* Leconte, 1851. Comment: incorrect original stem formation, not in prevailing usage.

EURYMETOPONINI Casey, 1907: 278 [stem: *Eurymetop-*]. Type genus: *Eurymetopon* Eschscholtz, 1831. Comment: incorrect original stem formation, not in prevailing usage.

TRIENTOMINI Casey, 1907: 278 [stem: *Trientom-*]. Type genus: *Trientoma* Solier, 1835.

### Tribe ELENOPHORINI Solier, 1837

ELÉNOPHORITES Solier, 1837a: 638 [stem: *Elenophor-*]. Type genus: *Elenophorus* Dejean, 1821 [syn. of *Leptoderis* Billberg, 1820]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Schaum (1859: 66, as ELENOPHORIDAE), generally accepted as in Bouchard et al. (2005: 502, as ELENOPHORINI).

### Tribe EPITRAGINI Blanchard, 1845 *nomen protectum*

LYGOPHILIA Rafinesque, 1815: 113 [stem: *Lygophil-*]. Type genus: *Lygophilus* Rafinesque, 1815 [syn. of *Epitragus* Latreille, 1802]. Comment: *nomen oblitum* (see Bouchard et al. 2007: 386).

\*ÉPITRAGITES Solier, 1834: 490 [stem: *Epitrag-*]. Type genus: *Epitragus* Latreille, 1802. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Solier (1834).

ÉPITRAGITES Blanchard, 1845b: 16 [stem: *Epitrag-*]. Type genus: *Epitragus* Latreille, 1802. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Erichson (1847a: 117, as EPITRAGII), generally accepted as in Bouchard et al. (2005: 502, as EPITRAGINI); *nomen protectum* (see Bouchard et al. 2007: 386).

### Tribe ERODIINI Billberg, 1820 *nomen protectum*

CEPHACERIA Rafinesque, 1815: 113 [stem: *Cephacer-*]. Type genus: *Cephacerus* Rafinesque, 1815 [syn. of *Erodus* Fabricius, 1775]. Comment: *nomen oblitum* (see Bouchard et al. 2007: 386).

ERODIIDES Billberg, 1820a: 32 [stem: *Erodi-*]. Type genus: *Erodius* Fabricius, 1775. Comment: *nomen protectum* (see Bouchard et al. 2007: 386); this family-group name was also used in the same year by Billberg (1820b: 392, as ERODIIDES).

\*ESTENOGENIANOS Solier, 1851: 138 [stem: *Stenogeni-*]. Type genus: *Stenogenius* Solier, 1834 [unavailable genus name, proposed in synonymy and not subsequently made available]. Comment: family-group name unavailable (Art. 11.7.1.1): not based on an available genus name at the time; incorrect original stem formation, not in prevailing usage.

\*ARTHRODEIDEN Koch, 1943: 483 [stem: *Arthrode-*]. Type genus: *Arthrodeis* Solier, 1834. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

### **Tribe EVANIOSOMINI Lacordaire, 1859**

ÉVANIOSOMIDES Lacordaire, 1859: 73 [stem: *Evaniosom-*]. Type genus: *Evaniosomus* Guérin-Méneville, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Gebien (1910a: 22, as EVANIOSOMINAE).

### **Tribe FALSOMYCTERINI Gebien, 1910**

FALSOMYCTERINAE Gebien, 1910b: 177 [stem: *Falsomycter-*]. Type genus: *Falsomycterus* Pic, 1907.

### **Tribe IDISIINI Medvedev, 1973**

IDISIINI G. S. Medvedev, 1973: 644 [stem: *Idisi-*]. Type genus: *Idisia* Pascoe, 1866.

### **Tribe KLEWARIINI Gebien, 1910**

KLEWARIINAE Gebien, 1910a: 36 [stem: *Klewari-*]. Type genus: *Klewaria* Reitter, 1910.

### **Tribe KUHITANGIINI Medvedev, 1962**

KUHITANGIINAE G. S. Medvedev, 1962: 1184 [stem: *Kuhitangi-*]. Type genus: *Kuhitangia* G. S. Medvedev, 1962.

### **Tribe LACHNOGYINI Seidlitz, 1894**

LACHNOGYINI Seidlitz, 1894: 490 [stem: *Lachnogy-*]. Type genus: *Lachnogyia* Ménétriés, 1849. Comment: subtribal classification according to G. S. Medvedev (2006).

### **Subtribe LACHNODACTYLINA Reitter, 1904**

LACHNODACTYLINA Reitter, 1904: 182 [stem: *Lachnodactyl-*]. Type genus: *Lachnodactylus* Seidlitz, 1898.

**Subtribe LACHNOGYINA Seidlitz, 1894**

LACHNOGYINI Seidlitz, 1894: 490 [stem: *Lachnogy-*]. Type genus: *Lachnogyia* Ménétriés, 1849.

**Subtribe NETUSCHILIINA Ferrer and Yvinec, 2004**

NETUSCHILIINA Ferrer and Yvinec, 2004: 48 [stem: *Netuschili-*]. Type genus: *Netuschilia* Reitter, 1904. Comment: also incorrectly spelled as NETUSCHILINA in the original publication on page 48 (First Revisers are Bouchard et al. 2005: 504).

**Tribe LEPTODINI Lacordaire, 1859**

LEPTODIDES Lacordaire, 1859: 108 [stem: *Leptod-*]. Type genus: *Leptodes* Dejean, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Baudi di Selve (1875: 74, as LEPTODIDAE), generally accepted as in Gebien (1910a: 91, as LEPTODINAE).

**Tribe NYCTELIINI Solier, 1834**

NYCTÉLITES Solier, 1834: 502 [stem: *Nycteli-*]. Type genus: *Nyctelia* Latreille, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hope (1840a: 127, as NYCTELIDAE [incorrect stem formation]), generally accepted as in Bouchard et al. (2005: 502, as NYCTELIINI); incorrect original stem formation, not in prevailing usage.

**Tribe NYCTOPORINI Lacordaire, 1859**

NYCTOPORIDES Lacordaire, 1859: 130 [stem: *Nyctopor-*]. Type genus: *Nyctoporis* Eschscholtz, 1831. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 219, as NYCTOPORINI), generally accepted as in Bouchard et al. (2005: 502, as NYCTOPORINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Nyctoporid-*).

**Tribe PHRYNOCARENINI Gebien, 1928**

PHRYNOCARENINAE Gebien, 1928: 105 [stem: *Phrynocaren-*]. Type genus: *Phrynocarenum* Gebien, 1928.

**Tribe PHYSOGASTERINI Lacordaire, 1859**

PHYSOGASTÉRIDES Lacordaire, 1859: 206 [stem: *Physogaster-*]. Type genus: *Physogaster* Lacordaire, 1830 [this genus name has been credited to Guérin-Méneville (1834: 2) in the literature, however the description of *Physogaster mendocinus* by Lacordaire (1830a: 276) makes the genus name available from that author and year]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. C. C. Burmeister (1875: 488, as PHYSOGASTERIDAE), generally accepted as in Bouchard et al. (2005: 502, as PHYSOGASTERINI).

**Tribe PIMELIINI Latreille, 1802**

PIMELIARIAE Latreille, 1802: 166 [stem: *Pimeli-*]. Type genus: *Pimelia* Fabricius, 1775.

PIMIDINIA Rafinesque, 1815: 113 [stem: *Pimidi-*]. Type genus: *Pimidia* Rafinesque, 1815 [syn. of *Pimelia* Fabricius, 1775]. Comment: incorrect original stem formation, not in prevailing usage.

\*PLATYOPES Motschulsky, 1849: 58 [stem: *Platyop-*]. Type genus: *Platyope* Fischer von Waldheim, 1820. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849).

PLATYOPIDAE Semenov, 1893a: 260 [stem: *Platyop-*]. Type genus: *Platyope* Fischer von Waldheim, 1820. Comment: family-group name proposed as new without reference to *Platyopes* Motschulsky, 1849; PLATYOPIDAE Huene, 1931 has been used in amphibians (type genus *Platyops* Twelvetrees, 1880) but this name is permanently invalid since it is based on a preoccupied genus name.

LEUCOLAEPHUSINI Pierre, 1961: 558 [stem: *Leucolaeaph-*]. Type genus: *Leucolaeaphus* Lucas, 1859. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe PRAOCIINI Eschscholtz, 1829**

PRAOCIDAE Eschscholtz, 1829b: 5 [stem: *Praoci-*]. Type genus: *Praocis* Eschscholtz, 1829. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe SEPIDIINI Eschscholtz, 1829**

SEPIDIAE Eschscholtz, 1829b: 4 [stem: *Sepidi-*]. Type genus: *Sepidium* Fabricius, 1775.

**Subtribe HYPOMELINA Koch, 1955**

HYPOMELINA Koch, 1955: 36 [stem: *Hypomel-*]. Type genus: *Hypomelus* Solier, 1843.

**Subtribe MOLURINA Solier, 1834**

MOLURITES Solier, 1834: 505 [stem: *Molur-*]. Type genus: *Moluris* Latreille, 1802. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Schaum (1859: 68, as MOLURIDAE), generally accepted as in Bouchard et al. (2005: 502, as MOLURINA); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Molurid-*).

\*PSAMMODOIDEN Koch, 1953a: 138 [stem: *Psammod-*]. Type genus: *Psammodes* Kirby, 1819. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899; PSAMMODIDAE has been used in the SCARABAEIDAE literature but this is based on an incorrect stem formation (type genus *Psammodius* Fallén, 1807, stem *Psammodi-*).

\*PHRYNOCOLOIDEN Koch, 1953a: 138 [stem: *Phrynocol-*]. Type genus: *Phrynocolus* Lacordaire, 1859. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

### **Subtribe OXURINA Koch, 1955**

OXURINA Koch, 1955: 34 [stem: *Oxur-*]. Type genus: *Oxura* Kirby, 1819.

### **Subtribe PHANEROTOMEINA Koch, 1958**

\*PHANEROTOMOIDE Koch, 1953a: 138 [stem: *Phanerotom-*]. Type genus: *Phanerotoma* Solier, 1843 [preoccupied genus name, not *Phanerotoma* Wesmael, 1838 [Hymenoptera]; syn. of *Phanerotomea* Koch, 1957]. Comment: family-group name unavailable (Art. 11.7.1.1): original name not proposed as a noun.

PHANEROTOMINA Koch, 1955: 37 [stem: *Phanerotom-*]. Type genus: *Phanerotoma* Solier, 1843 [preoccupied genus name, not *Phanerotoma* Wesmael, 1838 [Hymenoptera]; syn. of *Phanerotomea* Koch, 1957]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; PHANEROTOMINI Baker, 1925 (type genus *Phanerotoma* Wesmael, 1838) is available in Hymenoptera: BRACONIDAE.

PHANEROTOMEINA Koch, 1958: 58 [stem: *Phanerotome-*]. Type genus: *Phanerotomea* Koch, 1958. Comment: replacement name for PHANEROTOMINA Koch, 1955 because of the homonymy of the type genus.

### **Subtribe SEPIDIINA Eschscholtz, 1829**

SEPIDIAE Eschscholtz, 1829b: 4 [stem: *Sepidi-*]. Type genus: *Sepidium* Fabricius, 1775.

### **Subtribe TRACHYNOTINA Koch, 1955**

\*TRACHYNOTIDES Brullé, 1832: 189 [stem: *Trachynot-*]. Type genus: *Trachynotus* Latreille, 1828. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Brullé (1832).

TRACHYNOTINA Koch, 1955: 34, in key [stem: *Trachynot-*]. Type genus: *Trachynotus* Latreille, 1828. Comment: TRACHYNOTIDAE Schrammen, 1924 in Porifera is permanently invalid because it was based on the junior homonym *Trachynotus* Schrammen, 1924; the fish name TRACHYNOTINAE Gill, 1861 (type genus *Trachynotus* Agassiz, 1846, an unjustified emendation of *Trachinotus* Lacépède, 1801 and also a junior homonym of *Trachynotus* Latreille, 1828) was later corrected to TRACHINOTINAE, which is used as valid today; TRACHYNOTOIDAE Förster, 1869 has also been used in ichneumonid literature but this name is permanently invalid since it was based on the junior homonym *Trachynotus* Gravenhorst, 1829.

**Tribe STENOSINI Schaum, 1859 (1834)**

TAGÉNITES Solier, 1834: 503 [stem: *Tageni*-]. Type genus: *Tagenia* Latreille, 1802 [syn. of *Stenosis* Herbst, 1799]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hope (1840a: 127, as TAGENIDAE), generally accepted as in G. R. Waterhouse (1845: 30, as TAGENIIDAE [incorrect stem formation]; use of younger name STENOSINI conserved (Art. 40.2) (see Bouchard et al. 2005: 523); incorrect original stem formation, not in prevailing usage.

STENOSIDAE Schaum, 1859: 66 [stem: *Stenos*-]. Type genus: *Stenosis* Herbst, 1799. Comment: published before end of February 1859; this family-group name was also used in the same year by Lacordaire (1859 [before 27 June]: 101, as STÉNOSIDES); use of family-group name conserved over TAGENINI Solier, 1834 (Art. 40.2) (see Bouchard et al. 2005: 523); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Stenose*-).

PLATAMODINA Reitter, 1900: 82 [stem: *Platamod*-]. Type genus: *Platamodes* Ménétriés, 1849.

TYPHLOSECHINI Casey, 1907: 281 [stem: *Typhlusech*-]. Type genus: *Typhlusechus* Linell, 1897.

ARAEOSCHIZINI Casey, 1907: 484 [stem: *Araeoschiz*-]. Type genus: *Araeoschizus* J. L. LeConte, 1851.

DICHILLINA Reitter, 1916: 137, in key [stem: *Dichill*-]. Type genus: *Dichillus* Jacquelin du Val, 1860.

HARVENGINA Ferrer, 2004: 370 [stem: *Harvengi*-]. Type genus: *Harvengia* Ferrer, 2004. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe TENTYRIINI Eschscholtz, 1831**

TENTYRIDAE Eschscholtz, 1831: 4 [stem: *Tentyri*-]. Type genus: *Tentyria* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 2010c)]. Comment: incorrect original stem formation, not in prevailing usage.

GNATHOSIIDES Lacordaire, 1859: 33 [stem: *Gnathosi*-]. Type genus: *Gnathosia* Fischer von Waldheim, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 213, as GNATHOSIINI), generally accepted as in Skopin (1979: 170, as GNATHOSIINA).

\*HYPÉROPIDES Lacordaire, 1859: 60 [stem: *Hyperop*-]. Type genus: *Hyperops* Eschscholtz, 1831. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

CAPNISINI Casey, 1907: 279 [stem: *Capnis*-]. Type genus: *Capnisa* Dejean, 1836 [syn. of *Gnathosia* Fisher von Waldheim, 1821].

PACHYCERINA Skopin, 1979: 170, in key [stem: *Pachycer*-]. Type genus: *Pachycera* Eschscholtz, 1831 [preoccupied genus name, not *Pachycera* Billberg, 1820 [Hemiptera]; syn. of *Oedenocera* Reiche, 1862]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.



HIMATISMINA Skopin, 1979: 170, in key [stem: *Himatism-*]. Type genus: *Himatismus* Erichson, 1843.

### Tribe THINOBATINI Lacordaire, 1859

THINOBATIDES Lacordaire, 1859: 63 [stem: *Thinobat-*]. Type genus: *Thinobatis* Eschscholtz, 1831. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 214, as THINOBATINI), generally accepted as in Bouchard et al. (2005: 502, as THINOBATINI); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Thinobatid-*).

### Tribe TRIBOLOCARINI Lacordaire, 1859

TRIBOLOCARIDES Lacordaire, 1859: 69 [stem: *Trilobocar-*]. Type genus: *Trilobocara* Solier, 1851 [as *Tribolocara*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Kolbe (1887: 51, as TRIBOLOCARINI); incorrect stem formation, not in prevailing usage.

SALAXINI Casey, 1907: 282 [stem: *Salac-*]. Type genus: *Salax* Guérin-Méneville, 1834. Comment: incorrect original stem formation, not in prevailing usage.

### Tribe VACRONINI Gebien, 1910

VACRONINAE Gebien, 1910a: 118 [stem: *Vacron-*]. Type genus: *Vacronus* Casey, 1907 [syn. of *Alaephus* G. H. Horn, 1870].

\*EUPSOPHULITES Kwieton, 1982: 96 [stem: *Eupsophul-*]. Type genus: *Eupsophulus* Cockerell, 1906. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### Tribe ZOPHOSINI Solier, 1834

ZOPHOSITES Solier, 1834: 597 [stem: *Zophos-*]. Type genus: *Zophosis* Latreille, 1802. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Stein (1868: 78, as ZOPHOSINI), generally accepted as in Bouchard et al. (2005: 501, as ZOPHOSINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Zophose-*).

\*ONYCHOSITES A. Deyrolle, 1867: 79 [stem: *Onychose-*]. Type genus: *Onychosis* Deyrolle, 1867. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

\*CARDIOSITES A. Deyrolle, 1867: 79 [stem: *Cardiose-*]. Type genus: *Cardiosis* Deyrolle, 1867. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

DACTYLOCALCARINI Gebien, 1938a: 46 [stem: *Dactylocalcar-*]. Type genus: *Dactylocalcar* Gebien, 1938.

**Subfamily TENEBRIONINAE Latreille, 1802**

TENEBRIONITES Latreille, 1802: 165 [stem: *Tenebrion-*]. Type genus: *Tenebrio* Linnaeus, 1758. Comment: First Reviser (TENEBRIONINAE Latreille, 1802 vs HELOPINAE Latreille, 1802) not determined, current usage maintained

**Tribe ACROPTERONINI Doyen, 1989**

ACROPTERONINI Doyen, 1989: 288 [stem: *Acropteron-*]. Type genus: *Acropteron* Perty, 1832. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Acropter-*).

**Tribe ALPHITOBIIINI Reitter, 1917**

ALPHITOBIIINI Reitter, 1917: 58 [stem: *Alphitobi-*]. Type genus: *Alphitobius* Stephens, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1975)].

**Tribe AMARYGMINI Gistel, 1848**

AMARYGMIIDAE Gistel, 1848: [10] [stem: *Amarygm-*]. Type genus: *Amarygmus* Dalman, 1823. Comment: incorrect original stem formation, not in prevailing usage.

MÉGACANTHIDES Lacordaire, 1859: 467 [stem: *Megacanth-*]. Type genus: *Megacantha* Westwood, 1843. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Quedenfeldt (1885: 20, as MEGACANTHIDAE).

MÉRACANTHIDES Lacordaire, 1859: 464 [stem: *Meracanth-*]. Type genus: *Meracantha* Kirby, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 240, as MERACANTHINI), generally accepted as in Gebien (1911: 567, as MERACANTHINAE).

MEGACANTHINA Ardoin, 1962: 960 [stem: *Megacanth-*]. Type genus: *Megacantha* Westwood, 1843. Comment: family-group name proposed as new without reference to MÉGACANTHIDES Lacordaire, 1859.

**Tribe AMPHIDORINI LeConte, 1862**

\*NYCTERINOIDES Solier, 1851: 210 [stem: *Nycterin-*]. Type genus: *Nycterinus* Eschscholtz, 1829. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Solier (1851).

\*EMBAPHIONIDES Lacordaire, 1859: 151 [stem: *Embaphi-*]. Type genus: *Embaphion* Say, 1824. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., D. B. Thomas (2005: 549, as EMBAPHIONINI), but not generally attributed to Lacordaire (1859); EMBAPHIONINI, as used by D. B. Thomas (2005) is unavailable because it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

AMPHIDORAE J. L. LeConte, 1862: 239 [stem: *Amphidor-*]. Type genus: *Amphidora* Eschscholtz, 1829.

ELEODIINI Blaisdell, 1909: 27 [stem: *Eleod-*]. Type genus: *Eleodes* Eschscholtz, 1829. Comment: incorrect original stem formation, not in prevailing usage.

ELEODOPSINAE Blaisdell, 1939: 51 [stem: *Eleodopse-*]. Type genus: *Eleodopsis* Blaisdell, 1939 [syn. of *Eleodes* Eschscholtz, 1829]. Comment: incorrect original stem formation, not in prevailing usage.

LARIVERSIINA La Rivers, 1948: 98 [stem: *Lariversi-*]. Type genus: *Lariversius* Blaisdell, 1947.

TROGLODERINA La Rivers, 1948: 98 [stem: *Trogloder-*]. Type genus: *Trogloderus* J. L. LeConte, 1879.

\*NYCTERINI Doyen et al., 1990: 244 [stem: *Nycterin-*]. Type genus: *Nycterinus* Eschscholtz, 1829. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

### **Tribe APOCRYPHINI Lacordaire, 1859**

APOCRYPHIDES Lacordaire, 1859: 432 [stem: *Apocryph-*]. Type genus: *Apocrypha* Eschscholtz, 1831. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 217, as APOCRYPHINI), generally accepted as in Gebien (1911: 503, as APOCRYPHINAE).

DIPLOCYRTHINI Escalera, 1914b: 355 [stem: *Diplocyrt-*]. Type genus: *Diplocyrtus* Quendenfeldt, 1887 [as *Diplocyrthus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe BLAPTINI Leach, 1815**

BLAPSIDA Leach, 1815: 101 [stem: *Blapt-*]. Type genus: *Blaps* Fabricius, 1775.

#### **Subtribe BLAPTINA Leach, 1815**

BLAPSIDA Leach, 1815: 101 [stem: *Blapt-*]. Type genus: *Blaps* Fabricius, 1775. Comment: although the original stem formation (*Blaps-*) was correct, the stem *Blapt-* has been used since it was first used by C. G. Thomson (1859: 114, as BLAPTIDAE) and is also used here; an application to the Commission is needed to conserve the current spelling.

#### **Subtribe GNAPTORINA Medvedev, 2001**

GNAPTORINA G. S. Medvedev, 2001: 29 [stem: *Gnaptor-*]. Type genus: *Gnaptor* Brullé, 1832.

#### **Subtribe GNAPTORININA Medvedev, 2001**

GNAPTORININA G. S. Medvedev, 2001: 31 [stem: *Gnaptorin-*]. Type genus: *Gnaptorina* Reitter, 1887.

**Subtribe PROSODINA Skopin, 1960**

PROSODINA Skopin, 1960: 48 [stem: *Prosod-*]. Type genus: *Prosodes* Eschscholtz, 1829.

**Subtribe REMIPEDELLINA Semenov, 1907**

REMIPEDELLINI Semenov, 1907a: 259 [stem: *Remipedell-*]. Type genus: *Remipedella* Semenov, 1907. Comment: this family-group name was also used in the same year by Semenov (1907b: 176, as REMIPEDELLINI); priority for the two publications could not be established although REMIPEDELLINI Semenov, 1907b could not be considered available since the type genus *Remipedella* was made available only in Semenov (1907a).

**Tribe BOLITOPHAGINI Kirby, 1837 *nomen protectum***

ELEDONAEDES Billberg, 1820b: 392 [stem: *Eledon-*]. Type genus: *Eledona* Latreille, 1797. Comment: *nomen oblitum* (see Appendix 1); the name ELEDONINAE (type genus *Eledone* Leach, 1817) is used as valid in cephalopods (earliest usage in cephalopods found is ELEDONIDAE Rochebrune, 1884).

BOLITOPHAGIDAE Kirby, 1837: 236 [stem: *Bolitophag-*]. Type genus: *Bolitophagus* Illiger, 1798. Comment: *nomen protectum* (see Appendix 1).

RHIPIDANDRI J. L. LeConte, 1862: 236 [stem: *Rhipidandr-*]. Type genus: *Rhipidandrus* J. L. LeConte, 1862.

EUTOMIDES Lacordaire, 1865: 369 [stem: *Eutom-*]. Type genus: *Etomus* Lacordaire, 1865 [syn. of *Rhipidandrus* J. L. LeConte, 1862]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Ferrari (1867: 3, as EUTOMIDES [treated as Latin]); name treated as unavailable by Bouchard et al. (2005: 508) but recently considered available by Alonso-Zarazaga and Lyal (2009: 7); taxon originally described in CURCULIONIDAE: SCOLYTINAE.

**Tribe CENTRONOPINI Doyen, 1989**

CENTRONOPINI Doyen, 1989: 284 [stem: *Centronop-*]. Type genus: *Centronopus* Solier, 1848. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Centronopod-*).

**Tribe CERENOPINI Horn, 1870**

CERENOPI G. H. Horn, 1870: 325 [stem: *Cerenop-*]. Type genus: *Cerenopus* J. L. LeConte, 1851. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Cerenopod-*).

**Tribe DISSONOMINI Medvedev, 1968**

\*HÉTÉROPHILATES Mulsant and Rey, 1859: 6 [stem: *Heterophyl-*]. Type genus: *Heterophylus* Mulsant and Rey, 1859 [preoccupied genus name, not *Heterophylus* Klug, 1833 [Coleoptera: TENEBRIONIDAE: DIAPERINAE]; syn. of *Dis-*

*sonomus* Jacquelin du Val, 1861]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; if found to be available then permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

\*DISSONOMITES Jacquelin du Val, 1861: 280 [stem: *Dissonom-*]. Type genus: *Dissonomus* Jacquelin du Val, 1861. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Jacquelin du Val (1861).

DISSONOMINI G. S. Medvedev, 1968: 211 [stem: *Dissonom-*]. Type genus: *Dissonomus* Jacquelin du Val, 1861.

### **Tribe EULABINI Horn, 1870**

EULABES G. H. Horn, 1870: 323 [stem: *Eulab-*]. Type genus: *Eulabis* Eschscholtz, 1829.

### **Tribe FALSOCOSSYPHINI Ferrer, 2006**

FALSOCOSSYPHINI Ferrer, 2006: 77 [stem: *Falsocossyph-*]. Type genus: *Falsocossyphus* Pic, 1916.

### **Tribe HELEINI Fleming, 1821**

HELEADAE Fleming, 1821: 51 [stem: *Hele-*]. Type genus: *Helea* Latreille, 1816.

### **Subtribe ASPHALINA Matthews and Lawrence, 2005**

ASPHALINA E. G. Matthews and Lawrence, 2005: 544 [stem: *Asphal-*]. Type genus: *Asphalus* Pascoe, 1868.

### **Subtribe CYPHALEINA Lacordaire, 1859**

CYPHALÉIDES Lacordaire, 1859: 407 [stem: *Cyphale-*]. Type genus: *Cyphaleus* Westwood, 1841. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1866b: 470, as CYPHALEINAE), generally accepted as in Bouchard et al. (2005: 502, as CYPHALEINA); precedence (CYPHALEINI Lacordaire, 1859 vs NYCTOZOILINI Lacordaire, 1859) given to taxon originally proposed at the higher rank (Art. 24.1).

NYCTOZOÏLIDES Lacordaire, 1859: 349 [stem: *Nyctofoil-*]. Type genus: *Nyctofoilus* Guérin-Méneville, 1830. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Bates (1872b: 98, as *Nyctofoilides* [treated as Latin]), generally accepted as in Carter (1911: 138, as NYCTOZOILIDES [treated as Latin]).

### **Subtribe HELEINA Fleming, 1821**

HELEADAE Fleming, 1821: 51 [stem: *Hele-*]. Type genus: *Helea* Latreille, 1804. Comment: incorrect original stem formation, not in prevailing usage.

BRISEINAE Carter, 1924: 33 [stem: *Bris-*]. Type genus: *Brises* Pascoe, 1869. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe HELOPINI Latreille, 1802**

HELOPII Latreille, 1802: 176 [stem: *Helop-*]. Type genus: *Helops* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 2009d)].

**Subtribe HELOPINA Latreille, 1802**

HELOPII Latreille, 1802: 176 [stem: *Helop-*]. Type genus: *Helops* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 2009d)].

HYPULIA Rafinesque, 1815: 114 [stem: *Hypul-*]. Type genus: *Hypulus* Rafinesque, 1815 [syn. of *Helops* Fabricius, 1775].

\*ENOPLOPITES Solier, 1848: 155 [stem: *Enoplopod-*]. Type genus: *Enoplopus* Solier, 1848. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Solier (1848); incorrect original stem formation, not in prevailing usage.

\*HÉDYPHANES Motschulsky, 1849: 57 [stem: *Hedyphan-*]. Type genus: *Hedyphanes* Fischer von Waldheim, 1820. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849).

ENOPLOPINI Reitter, 1917: 62 [stem: *Enoplopod-*]. Type genus: *Enoplopus* Solier, 1848. Comment: incorrect original stem formation, not in prevailing usage.

NEPHODINI Reitter, 1917: 63 [stem: *Nephod-*]. Type genus: *Nephodes* Blanchard, 1845.

HEDYPHANINA Reitter, 1922b: 6 [stem: *Hedyphan-*]. Type genus: *Hedyphanes* Fischer von Waldheim, 1820.

\*STENOTRICHINI Blaisdell, 1939: 50 [stem: *Stenotrich-*]. Type genus: *Stenotrichus* J. L. LeConte, 1862 [syn. of *Helops* Fabricius, 1775]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Subtribe CYLINDRINOTINA Español, 1956**

\*XANTHOMINI Antoine, 1949: 162 [stem: *Xanthom-*]. Type genus: *Xanthomus* Mulsant, 1854. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*ECTROMOPSINI Antoine, 1949: 162 [stem: *Ectromopse-*]. Type genus: *Ectromopsis* Antoine, 1949. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

CYLINDRONOTINI Español, 1956: 84 [stem: *Cylindrinot-*]. Type genus: *Cylindrinotus* Faldermann, 1837 [as *Cylindronotus*, unjustified emendation of type genus name by Agassiz (1846b: 111), not in prevailing usage]. Com-



ment: incorrect original stem formation, not in prevailing usage; correction of stem by Bouchard et al. (2005: 509).

### **Tribe HELOPININI Lacordaire, 1859**

HÉLOPINIDES Lacordaire, 1859: 457 [stem: *Helopin-*]. Type genus: *Helopinus* Solier, 1848.

### **Subtribe APTILINA Koch, 1958**

APTILINA Koch, 1958: 139 [stem: *Aptil-*]. Type genus: *Aptila* Fåhræus, 1870.

### **Subtribe HELOPININA Lacordaire, 1859**

HÉLOPINIDES Lacordaire, 1859: 457 [stem: *Helopin-*]. Type genus: *Helopinus* Solier, 1848. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Bertkau (1875: 356, as HELOPININI), generally accepted as in Gebien (1911: 563, as HELOPININAE).

DROSOCHRINI Koch, 1958: 133 [stem: *Drosochr-*]. Type genus: *Drosochrus* Erichson, 1843. Comment: unnecessary replacement name for HELOPININI Lacordaire, 1859.

### **Subtribe MICRANTEREINA Reitter, 1917**

MICRANTEREINI Reitter, 1917: 60 [stem: *Micrantere-*]. Type genus: *Micrantereus* Solier, 1848.

### **Subtribe ONCOSOMINA Koch, 1958**

ONCOSOMINA Koch, 1958: 134 [stem: *Oncosom-*]. Type genus: *Oncosoma* Westwood, 1843 [unjustified emendation of *Ogcosoma* by Agassiz (1846b: 257), in prevailing usage, treated as justified emendation (Art. 33.2.3.1)]. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Oncosomat-*).

### **Tribe MELANIMONINI Seidlitz, 1894 (1854)**

MICROZOUMATES Mulsant, 1854: 176 [stem: *Microzo-*]. Type genus: *Microzoum* Dejean, 1834 [syn. of *Melanimon* Steven 1829]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1889 [Gatt.]: 128, as MICROZOINA), generally accepted as in Bouchard et al. (2005: 523, as MICROZOINI); use of MELANIMONINI Seidlitz, 1894 conserved (Art. 40.2) (see Bouchard et al. 2005: 523); incorrect original stem formation, not in prevailing usage.

MELANIMONINA Seidlitz, 1894: 449 [stem: *Melanimon-*]. Type genus: *Melanimon* Steven, 1829. Comment: use of younger family-group name conserved (Art. 40.2) (see Bouchard et al. 2005).

**Tribe OPATRINI Brullé, 1832**

OPATRITES Brullé, 1832: 213 [stem: *Opatr-*]. Type genus: *Opatrum* Fabricius, 1775.

**Subtribe HETEROCHEIRINA Koch, 1956**

HETEROCHEIRINI Koch, 1956: 43 [stem: *Heterocheir-*]. Type genus: *Heterocheira* Lacordaire, 1859.

**Subtribe HETEROTARSINA Blanchard, 1845**

HÉTÉROTARSITES Blanchard, 1845b: 14 [stem: *Heterotars-*]. Type genus: *Heterotarsus* Latreille, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 231, as HETEROTARSINI), generally accepted as in Bouchard et al. (2005: 502, as HETEROTARSINA).

**Subtribe OPATRINA Brullé, 1832**

OPATRITES Brullé, 1832: 213 [stem: *Opatr-*]. Type genus: *Opatrum* Fabricius, 1775. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Shuckard (1839b: 49, as OPATRIDAE), generally accepted as in Bouchard et al. (2005: 502, as OPATRINI).

\*GONOCÉPHALITES Solier, 1834: 498 [stem: *Gonocephal-*]. Type genus: *Gonocephalum* Solier, 1834. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Solier (1834).

\*BLAPSTINOIDES Solier, 1851: 231 [stem: *Blapstin-*]. Type genus: *Blapstinus* Dejean, 1821. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Solier (1851).

BLAPSTINITES Mulsant and Rey, 1853: 258 [stem: *Blapstin-*]. Type genus: *Blapstinus* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in J. L. LeConte (1862: 227, as BLAPSTINI).

STIZOPIDES Lacordaire, 1859: 258 [stem: *Stizopod-*]. Type genus: *Stizopus* Erichson, 1843. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 207, as STIZOPINI), generally accepted as in Gebien (1938b: 72 [393], as STIZOPINI); incorrect original stem formation, not in prevailing usage.

SCLÉRIDES Lacordaire, 1859: 263 [stem: *Scler-*]. Type genus: *Scleron* Hope, 1840 [syn. of *Sclerum* Dejean, 1834]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1890 [Gatt.]: 129, as SCLERINA), generally accepted as in Seidlitz (1894: 415, as SCLERINA).

- \*PENTHICAIRE Mulsant and Rey, 1859: 5 [stem: *Penthic-*]. Type genus: *Penthicus* Faldermann, 1836. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 208, as PENTHICINI, under the valid tribe name OPATRINI), but not generally accepted as valid.
- \*CAEDIAIRES Mulsant and Rey, 1859: 124 [stem: *Caedi-*]. Type genus: *Caedius* Blanchard, 1845. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 208, as CAEDIINI, under the valid tribe name OPATRINI), but not generally accepted as valid.
- \*BLACODAIRES Mulsant and Rey, 1859: 93 [stem: *Blacod-*]. Type genus: *Blacodes* Blanchard, 1845 [syn. of *Blenosia* Laporte, 1840]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 208, as BLACODINI, under the valid tribe name OPATRINI), but not generally accepted as valid.
- \*CLITOBIAIRES Mulsant and Rey, 1859: 141 [stem: *Clitobi-*]. Type genus: *Clitobius* Mulsant and Rey, 1859. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 208, as CLITOBIIINI, under the valid tribe name OPATRINI), but not generally accepted as valid.
- GONOCÉPHALATES Mulsant and Revelière, 1861: 154 [stem: *Gonocephal-*]. Type genus: *Gonocephalum* Solier, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Gerstaecker (1861: 483, as GONOCEPHALIDAE).
- \*DILAMITES Jacquelin du Val, 1861: 279 [stem: *Dilam-*]. Type genus: *Dilamus* Jacquelin du Val, 1861. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.
- AMMOBIIINI Desbrochers des Loges, 1902b: 1 [stem: *Ammobi-*]. Type genus: *Ammobius* Guérin-Méneville, 1844.
- EMMALLINA Koch, 1956: 51 [stem: *Emmal-*]. Type genus: *Emmalus* Erichson, 1843 [as *Emmallus*, unjustified emendation of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.
- STENOLAMINA Koch, 1956: 49 [stem: *Stenolam-*]. Type genus: *Stenolamus* Gebien, 1920.

### **Subtribe NEOPACHYPTERINA Bouchard, Löbl and Merkl, 2007**

- PACHYPTÉRAIRES Mulsant and Rey, 1859: 83 [stem: *Pachypter-*]. Type genus: *Pachypterus* Lucas, 1846 [preoccupied genus name, not *Pachypterus* Swainson, 1839 [Pisces]; syn. of *Neopachypterus* Bouchard et al., 2007]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Desbrochers des Loges (1901: 146, as PACHYPTERINI [actually spelled PACHNEPHORINI but this name was

corrected to PACHYPTERINI later by Desbroches des Loges (1902a: 85)]; permanently invalid (Art. 39): based on preoccupied type genus.

PACHYPTERINI G. S. Medvedev, 1968: 247 [stem: *Pachypter-*]. Type genus: *Pachypterus* Lucas, 1846 [preoccupied genus name, not *Pachypterus* Swainson, 1839 [Pisces]; syn. of *Neopachypterus* Bouchard et al., 2007]. Comment: family-group name proposed as new without reference to PACHYPTÉRATES Mulsant and Rey, 1859; permanently invalid (Art. 39): based on preoccupied type genus.

NEOPACHYPTERINA Bouchard et al., 2007: 386 [stem: *Neopachypter-*]. Type genus: *Neopachypterus* Bouchard et al., 2007. Comment: replacement name for PACHYPTÉRATES Mulsant and Rey, 1859 and PACHYPTERINI G. S. Medvedev, 1968 because of the homonymy of the type genus.

### Tribe PALORINI Matthews, 2003

\*PALORINAE E. G. Matthews, 2003a: 50 [stem: *Palor-*]. Type genus: *Palorus* Mulsant, 1854. Comment: unavailable name (Art. 16): not explicitly indicated as new.

PALORINAE E. G. Matthews, 2003b: 7 [stem: *Palor-*]. Type genus: *Palorus* Mulsant, 1854. Comment: validation of PALORINAE Matthews (2003a).

### Tribe PEDININI Eschscholtz, 1829

PEDINIDEN Eschscholtz, 1829b: 4 [stem: *Pedin-*]. Type genus: *Pedinus* Latreille, 1797.

### Subtribe DENDARINA Mulsant and Rey, 1854

PANDARITES Mulsant and Rey, 1854: 153 [stem: *Pandar-*]. Type genus: *Dendarus* Dejean, 1821 [as *Pandarus*, unjustified emendation of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gerstaecker (1854: 226, as PANDARIDAE [incorrect stem formation]), and generally accepted as in Seidlitz (1889[Gatt.]: 126, as DENDARINA).

\*OMOCRATATES Mulsant and Rey, 1854: 266, in key [stem: *Omocrat-*]. Type genus: *Omocrates* Mulsant, 1854 [preoccupied genus name, not *Omocrates* H. C. C. Burmeister, 1844 [Coleoptera: SCARABAEIDAE]; syn. of *Phylan* Dejean, 1821]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; if found to be available then permanently invalid (Art. 39): based on preoccupied type genus.

\*MICROSITATES Mulsant and Rey, 1854: 274 [stem: *Microsit-*]. Type genus: *Micrositus* Mulsant and Rey, 1854. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

\*ISOCÉRATES Mulsant and Rey, 1854: 188 [stem: *Isocer-*]. Type genus: *Isocerus* Dejean, 1821 [preoccupied genus name, not *Isocerus* Illiger, 1802 [Coleoptera: CERAMBYCIDAE]; syn. of *Neoisocerus* Bouchard et al., 2005].

Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; if found to be available then permanently invalid (Art. 39): based on preoccupied type genus.

\*HÉLIOPATHAIRES Mulsant and Rey, 1854: 265 [stem: *Heliopat-*]. Type genus: *Heliopates* Dejean, 1834 [as *Heliopathes*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

PHYLACIDES Lacordaire, 1859: 270 [stem: *Phylac-*]. Type genus: *Phylax* Brullé, 1832 [syn. of *Dendarus* Dejean, 1821]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Seidlitz (1893: 220, as PHYLACINA).

BIOPLANINA A. N. Reichardt, 1936: 24 [stem: *Bioplanet-*]. Type genus: *Bioplanes* Mulsant, 1854. Comment: incorrect original stem formation, not in prevailing usage.

### **Subtribe EURYNOTINA Mulsant and Rey, 1854**

EURYNOTAIRES Mulsant and Rey, 1854: 156 [stem: *Eurynot-*]. Type genus: *Eurynotus* Kirby, 1819. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Koch (1956: 25, as EURYNOTINA), generally accepted as in Bouchard et al. (2005: 502, as EURYNOTINA).

PSECTROPINI Kaszab, 1941: 33 [stem: *Psectropod-*]. Type genus: *Psectropus* sensu Kaszab, 1941 [not *Psectropus* Solier, 1848; syn. of *Schyzochelus* Koch, 1954]. Comment: based on misidentified type genus; incorrect original stem formation, not in prevailing usage.

ONCOTINI Koch, 1953c: 267, in key [stem: *Oncot-*]. Type genus: *Oncotus* Blanchard, 1845.

SCHYZOSCHELINA Koch, 1956: 25 [stem: *Schyzoschel-*]. Type genus: *Schyzoschelus* Koch, 1954.

### **Subtribe LEICHENINA Mulsant, 1854**

LEICHENAIRES Mulsant, 1854: 179 [stem: *Leichen-*]. Type genus: *Leichenum* Blanchard, 1845. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Casey (1890: 391, as LEICHENINI), generally accepted as in Bouchard et al. (2005: 502, as LEICHENINA).

### **Subtribe LOENSINA Koch, 1956**

\*LOENSINI Koch, 1955: 1 [stem: *Loens-*]. Type genus: *Loensus* Lucas, 1920. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

LOENSINI Koch, 1956: 402 [stem: *Loens-*]. Type genus: *Loensus* Lucas, 1920.

**Subtribe MELAMBIINA Mulsant and Rey, 1854**

MELAMBIATES Mulsant and Rey, 1854: 267 [stem: *Melambi-*]. Type genus: *Melambius* Mulsant and Rey, 1854. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Español (1945: 226, as MELAMBINA [incorrect stem formation]), generally accepted as in Bouchard et al. (2005: 502, as MELAMBIINA).

LITOBORINAE Antoine, 1941: 19-21 [stem: *Litobor-*]. Type genus: *Litoborus* Mulsant and Rey, 1854.

ZADENINA Koch, 1956: 279, in key [stem: *Zaden-*]. Type genus: *Zadenos* Laporte, 1840.

**Subtribe PEDININA Eschscholtz, 1829**

PEDINIDEN Eschscholtz, 1829b: 4 [stem: *Pedin-*]. Type genus: *Pedinus* Latreille, 1797. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by G. R. Waterhouse (1845: 32, as PEDINIDAE), generally accepted as in Bouchard et al. (2005: 502, as PEDININI).

**Subtribe PLATYNOTINA Mulsant and Rey, 1853**

\*HÉTÉROSCÉLITES Solier, 1836: 502 [stem: *Heteroscelid-*]. Type genus: *Heteroscelis* Latreille, 1829 [preoccupied genus name, not *Heteroscelis* Latreille, 1829 [Hemiptera]; syn. of *Anomalipus* Guérin-Méneville, 1831]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; if found to be available then permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

PLATYNOTAIRE Mulsant and Rey, 1853: 263 [stem: *Platynot-*]. Type genus: *Platynotus* Fabricius, 1801. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 226, as PLATYNOTINI), generally accepted as in Bouchard et al. (2005: 502, as PLATYNOTINA); First Reviser (PLATYNOTINA Mulsant and Rey, 1853 vs TRIGONOPODINA Mulsant and Rey, 1853) not determined, current usage maintained.

TRIGONOPAIRES Mulsant and Rey, 1853: 104 [stem: *Trigonopod-*]. Type genus: *Trigonopus* Mulsant and Rey, 1853. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aalbu (2006: 70, as TRIGONOPINA); incorrect original stem formation, not in prevailing usage.

GONOPIDES Lacordaire, 1859: 255 [stem: *Gonopod-*]. Type genus: *Gonopus* Latreille, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 207, as GONOPINI), generally accepted as in Gebien (1938a: 90, as GONOPINI); incorrect original stem formation, not in prevailing usage.



PLATYNOTINI Koch, 1953c: 268, in key [stem: *Platynot-*]. Type genus: *Platynotus* Fabricius, 1801. Comment: family-group name proposed as new without reference to PLATYNOTAIRES Mulsant and Rey, 1853.

ANOMALIPINA Koch, 1954: 427 [stem: *Anomalipod-*]. Type genus: *Anomalipus* Guérin-Méneville, 1831 [unjustified emendation of *Anomalipes* Guérin-Méneville, 1831 by Lacordaire, 1859; unjustified emendation in prevailing usage, treated as justified emendation (Art. 33.2.3.1)]. Comment: incorrect original stem formation, not in prevailing usage.

\*ANCHOPHTHALMOID Koch, 1956: 71, in key [stem: *Anchophthalm-*]. Type genus: *Anchophthalmus* Gerstaecker, 1854. Comment: family-group name unavailable (Art. 11.7.1.1): original name not proposed as a noun.

\*SELINOID Koch, 1956: 70, in key [stem: *Selin-*]. Type genus: *Selinus* Mulsant and Rey, 1853. Comment: family-group name unavailable (Art. 11.7.1.1): original name not proposed as a noun; SELININI Jeannel, 1948 (type genus *Selina* Motschulsky, 1858) is currently used as a valid in CARABIDAE.

\*MELANOCRATOID Iwan, 1996: 379, 380–381 [stem: *Melanocrat-*]. Type genus: *Melanocratus* Fairmaire, 1895. Comment: family-group name unavailable (Art. 11.7.1.1): original name not proposed as a noun.

### **Subtribe PYTHIOPINA Koch, 1953**

PYTHIOPINI Koch, 1953b: 245 [stem: *Pythiop-*]. Type genus: *Pythiopus* Koch, 1953. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Pythiopod-*).

### **Tribe PLATYSCOLIDINI Lacordaire, 1859**

PLATYSCOLIDES Lacordaire, 1859: 229 [stem: *Platyscolid-*]. Type genus: *Platyscolis* Latreille, 1818 [placed on the Official List of Generic Names in Zoology (ICZN 1993e)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1889 [Gatt.]: 126, as PLATYSCOLINA [incorrect stem formation]), generally accepted as in Bouchard et al. (2005: 502, as PLATYSCOLIDINI); incorrect original stem formation, not in prevailing usage; correction of stem by Egorov (1990: 401) in order to avoid homonymy with PLATYSCOLIDAE Bate, 1862 in Crustacea.

### **Tribe PRAEUGENINI De Moor, 1970**

\*PRAOGENINI Ferreira, 1965: 312 [stem: *Praeugen-*]. Type genus: *Praeugena* Laporte, 1840 [as *Praogena*, unjustified emendation of type genus name, not in prevailing usage]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

PRAEUGENINA De Moor, 1970: 4 [stem: *Praeugen-*]. Type genus: *Praeugena* Laporte, 1840.

**Tribe RHYSOPAUSINI Wasmann, 1896**

RHYSOPAUSIDAE Wasmann, 1896: 613 [stem: *Rhysopauss-*]. Type genus: *Rhysopaussus* Wasmann, 1896.

**Tribe SCAURINI Billberg, 1820**

SCAURIDES Billberg, 1820a: 31 [stem: *Scaur-*]. Type genus: *Scaurus* Fabricius, 1775. Comment: this family-group name was also used in the same year by Billberg (1820b: 392, as SCAURIDES).

**Tribe SCOTOBINI Solier, 1838**

SCOTOBITES Solier, 1838: 39 [stem: *Scotobi-*]. Type genus: *Scotobius* Germar, 1824. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 336, as SCOTOBIOIDAE), generally accepted as in Bouchard et al. (2005: 502, as SCOTOBINI); incorrect original stem formation, not in prevailing usage.

**Tribe TENEBRIONINI Latreille, 1802**

TENEBRIONITES Latreille, 1802: 165 [stem: *Tenebrion-*]. Type genus: *Tenebrio* Linnaeus, 1758.

BIUINI Skopin, 1978: 224, in key [stem: *Bi-*]. Type genus: *Bius* Dejean, 1834. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe TITAENINI Fauvel, 1905**

TITAENINI Fauvel, 1905b: 209 [stem: *Titaen-*]. Type genus: *Titaena* Erichson, 1842.

**Tribe TOXICINI Oken, 1843**

TOXICIDEN Oken, 1843: 484 [stem: *Toxic-*]. Type genus: *Toxicum* Latreille, 1802.

**Subtribe EUDYSANTINA Bouchard, Lawrence, Davies and Newton, 2005**

DYSANTINAE Gebien, 1922: 289 [stem: *Dysant-*]. Type genus: *Dysantes* Pascoe, 1871 [preoccupied genus name, not *Dysantes* Foerster, 1868 [Hymenoptera]; syn. of *Eudysantes* Bouchard et al., 2005]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

EUDYSANTINA Bouchard et al., 2005: 508 [stem: *Eudysant-*]. Type genus: *Eudysantes* Bouchard et al., 2005. Comment: replacement name for DYSANTINA Gebien, 1922 because of the homonymy of the type genus.

**Subtribe NYCTEROPINA Lacordaire, 1859**

NYCTÉROPIDES Lacordaire, 1859: 388 [stem: *Nycterop-*]. Type genus: *Nycteropus* Klug, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 211, as NYCTEROPINI), generally accepted as in Bouchard et al. (2005: 502, as NYCTEROPINA).

**Subtribe TOXICINA Oken, 1843**

TOXICIDEN Oken, 1843: 484 [stem: *Toxic-*]. Type genus: *Toxicum* Latreille, 1802. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Tulk (1847: 614, as TOXICIDAE); family-group name previously attributed to Lacordaire (1859). ANTHRACIINI Houlbert, 1922b: 185, in key [stem: *Anthraci-*]. Type genus: *Anthracias* Dejean, 1834 [syn. of *Cryphaeus* Klug, 1833].

**Tribe TRIBOLIINI Gistel, 1848**

TRIBOLIIDAE Gistel, 1848: [4] [stem: *Triboli-*]. Type genus: *Tribolium* W. S. MacLeay, 1825 [placed on the Official List of Generic Names in Zoology (ICZN 1988e)].

**Tribe ULOMINI Blanchard, 1845**

ULOMITES Blanchard, 1845b: 16 [stem: *Ulom-*]. Type genus: *Uloma* Dejean, 1821 [placed on the Official List of Generic Names in Zoology (ICZN 1975)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Blanchard (1853: 164, as ULOMITAE), generally accepted as in Bouchard et al. (2005: 502, as ULOMINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Ulomat-*).

\*OLIGOCAROIDES Solier, 1851: 225 [stem: *Oligocar-*]. Type genus: *Oligocara* Solier, 1848. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

ALÉGORIIDES Lacordaire, 1859: 325 [stem: *Alegori-*]. Type genus: *Alegoria* Laporte, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Seidlitz (1894: 545, as ALEGORIINA).

NEOPSECTROPINAE Kaszab, 1941: 30 [stem: *Neopsectropod-*]. Type genus: *Neopsectropus* Kaszab, 1941. Comment: incorrect original stem formation, not in prevailing usage.

**Subfamily ALLECULINAE Laporte, 1840**

ALLÉCULITES Laporte, 1840b: 242 [stem: *Allecul-*]. Type genus: *Allecula* Fabricius, 1801. Comment: given precedence over the older names XYSTROPODINAE Solier, 1835 and CTENIOPODINAE Solier, 1835 (Art. 35.5) (see Bouchard et al. 2005).

**Tribe ALLECULINI Laporte, 1840**

ALLÉCULITES Laporte, 1840b: 242 [stem: *Allecul-*]. Type genus: *Allecula* Fabricius, 1801. Comment: given precedence over the older name XYSTROPODINI Solier, 1835 (Art. 35.5) (see Bouchard et al. 2005).

**Subtribe ALLECULINA Laporte, 1840**

ALLÉCULITES Laporte, 1840b: 242 [stem: *Allecul-*]. Type genus: *Allecula* Fabricius, 1801. Comment: original vernacular name available (Art. 11.7.2):

first used in latinized form by Packard (1874: iii, as ALLECULIDAE), generally accepted as in Bouchard et al. (2005: 502, as ALLECULINA).

\*CYLINDROTHORIDES Lacordaire, 1859: 494 [stem: *Cylindrothor-*]. Type genus: *Cylindrothorus* Solier, 1844. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

UPINELLAE J. L. LeConte, 1866b: 137 [stem: *Upinell-*]. Type genus: *Upinella* Mulsant, 1856.

### **Subtribe GONODERINA Seidlitz, 1896**

GONODERINA Seidlitz, 1896: 83 [stem: *Gonoder-*]. Type genus: *Gonodera* Mulsant, 1856.

PSEUDOCISTELINI Portevin, 1934: 39, in key [stem: *Pseudocistel-*]. Type genus: *Pseudocistela* Crotch, 1873.

### **Subtribe MYCETOCHARINA Gistel, 1848**

MYCETOCHARISIDAE Gistel, 1848: [10] [stem: *Mycetochar-*]. Type genus: *Mycetochara* Berthold, 1827 [as *Mycetochares*, incorrect subsequent spelling not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

### **Subtribe XYSTROPODINA Solier, 1835**

XYSTROPIDES Solier, 1835a: 229 [stem: *Xystropod-*]. Type genus: *Xystropus* Solier, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 390, as XYSTROPODIDAE), generally accepted as in Bouchard et al. (2005: 502, as XYSTROPODINA); incorrect original stem formation, not in prevailing usage.

LYSTRONYCHIDES Lacordaire, 1859: 512 [stem: *Lystronych-*]. Type genus: *Lystronychus* Latreille, 1829 [incorrect subsequent spelling of *Lystronichus*, incorrect spelling in current usage, treated as correct original spelling (Art. 33.3.1)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in J. L. LeConte and G. H. Horn (1883: 390, as LYSTRONYCHI).

### **Tribe CTENIOPODINI Solier, 1835**

CISTELENIÆ Latreille, 1802: 188 [stem: *Cistel-*]. Type genus: *Cistela* Fabricius, 1775 [preoccupied genus name, not *Cistela* Geoffroy, 1762 [Coleoptera: BYRRHIDAE]; syn. of *Cteniopus* Solier, 1835; Geoffroy's generic name was suppressed for the purposes of the Principle of Priority but not for the Principle of Homonymy (ICZN 1994a)]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

CTÉNIOPITES Solier, 1835a: 245 [stem: *Cteniopod-*]. Type genus: *Cteniopus* Solier, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 107, as CTENIOPODIDAE), generally ac-

cepted as in Bouchard et al. (2005: 502, as CTENIOPODINI); incorrect original stem formation, not in prevailing usage.

OMOPHLENS Mulsant, 1856a: 65 [stem: *Omophl-*]. Type genus: *Omophlus* Dejean, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1896: 28, as OMOPHLINI), generally accepted as in Ogloblin and Znojko (1950: 9, as OMOPHLINAE).

PHIBALIDAE Gistel, 1856a: 384 [stem: *Phibal-*]. Type genus: *Phibalus* Gistel, 1856 [the genus *Phibalus* Gistel, 1856 originally included only one species therefore the type species is *Chrysomela pubescens* Linnaeus, 1758 by monotypy; this genus has not been used subsequently to our knowledge; **syn. nov.** of *Omophlus* Dejean, 1834]. Comment: **syn. nov.**

PETRIIDAE Semenov, 1893b: 359 [stem: *Petri-*]. Type genus: *Petria* Semenov, 1894.

PODONTINI Portevin, 1934: 45, in key [stem: *Podont-*]. Type genus: *Podonta* Solier, 1835.

### Subfamily DIAPERINAE Latreille, 1802

DIAPERIALAE Latreille, 1802: 161 [stem: *Diaper-*]. Type genus: *Diaperis* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

#### Tribe CRYPTICINI Brullé, 1832

CRYPTICITES Brullé, 1832: 190 [stem: *Cryptic-*]. Type genus: *Crypticus* Latreille, 1816. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by C. G. Thomson (1859: 114, as CRYPTICINA), generally accepted as in Bouchard et al. (2005: 503, as CRYPTICINI).

OCHROTINI Desbrochers des Loges, 1901: 143, in key [stem: *Oochrot-*]. Type genus: *Oochrotus* Lucas, 1852.

#### Tribe DIAPERINI Latreille, 1802

DIAPERIALAE Latreille, 1802: 161 [stem: *Diaper-*]. Type genus: *Diaperis* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

#### Subtribe ADELININA LeConte, 1862

\*SITOPHAGIENS Mulsant, 1854: 263 [stem: *Sitophag-*]. Type genus: *Sitophagus* Mulsant, 1854. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

ALPHITOPHAGIDA Gistel, 1856b: 185 [stem: *Alphitophag-*]. Type genus: *Alphitophagus* Stephens, 1832. Comment: although this is the oldest name for the subtribe, we recommend that an application be submitted to the Commission to conserve usage of the name ADELININA J. L. LeConte, 1862.

\*GNATHOCÉRITES Jacquelin du Val, 1861: 304 [stem: *Gnatocer-*]. Type genus: *Gnatocerus* Thunberg, 1814 [as *Gnathocerus*, incorrect subsequent spelling]



of type genus name, not in prevailing usage; *Gnatocerus* Thunberg, 1814 placed on the Official List of Generic Names in Zoology (ICZN 1975)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Jacquelin du Val (1861); incorrect original stem formation, not in prevailing usage; GNATHOCERIDAE Schoch, 1894 is available in SCARABAEIDAE.

ADELININI J. L. LeConte, 1862: 237 [stem: *Adelin-*]. Type genus: *Adelina* Dejean, 1835. Comment: this well-established family-group name is threatened by the discovery of the older name ALPHITOPHAGIDA Gistel, 1856; although using Reversal of Precedence (Art. 23.9.1) to conserve usage of ADELININI J. L. LeConte, 1862 would be preferable, this can not be done because we cannot find 25 references in which this name has been used in the last 50 years; current usage is maintained here and an application should be submitted to the Commission in order to conserve ADELININI J. L. LeConte, 1862.

SCHEDAROSINI Reitter, 1876b: 42 [stem: *Schedaros-*]. Type genus: *Schedarosus* Reitter, 1876 [syn. of *Adelina* Dejean, 1835]. Comment: originally placed in the family CUCUJIDAE.

DOLIEMINI Reitter, 1917: 58 [stem: *Doliem-*]. Type genus: *Doliema* Pascoe, 1860 [syn. of *Adelina* Dejean, 1835].

GNATHOCERINI Skopin, 1978: 228, in key [stem: *Gnatocer-*]. Type genus: *Gnatocerus* Thunberg, 1814 [as *Gnathocerus*, incorrect subsequent spelling of type genus name, not in prevailing usage; *Gnatocerus* Thunberg, 1814 placed on the Official List of Generic Names in Zoology (ICZN 1975)]. Comment: incorrect original stem formation, not in prevailing usage; GNATHOCERIDAE Schoch, 1894 is available in SCARABAEIDAE.

### Subtribe DIAPERINA Latreille, 1802

DIAPERIALAE Latreille, 1802: 161 [stem: *Diaper-*]. Type genus: *Diaperis* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

PENTAPHYLLAIRES Mulsant, 1854: 196 [stem: *Pentaphyll-*]. Type genus: *Pentaphyllus* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 236, as PENTAPHYLLI), generally accepted as in Silfverberg (1992: 61, as PENTAPHYLLINI); the name PENTAPHYLLINAE Schindewolf, 1942 (type genus *Pentaphyllum* de Koninck, 1872) is used as valid in Anthozoa; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

PLATYDEMINAE Reitter, 1917: 61 [stem: *Platydem-*]. Type genus: *Platydema* Laporte and Brullé, 1831.

\*HOPLOCEPHALINI Kwieton, 1982: 98 [stem: *Hoplocephal-*]. Type genus: *Hoplocephala* Laporte and Brullé, 1831 [based on unjustified emendation of



type genus name; originally proposed as *Oplocephala*; emended name in prevailing usage, treated as a justified emendation (Art. 33.2.3.1); syn. of *Neomida* Latreille, 1829]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Tribe ECTYCHINI Doyen, Matthews and Lawrence, 1990**

ECTYCHINI Doyen et al., 1990: 247 [stem: *Ectych-*]. Type genus: *Ectyche* Pascoe, 1869.

**Tribe GNATHIDIINI Gebien, 1921**

GNATHIDIINAE Gebien, 1921: 41 [stem: *Gnathidi-*]. Type genus: *Gnathidium* Gebien, 1921.

**Subtribe ANOPIDIINA Jeannel and Paulian, 1945**

ANOPIDIINI Jeannel and Paulian, 1945: 62 [stem: *Anopidi-*]. Type genus: *Anopidium* Jeannel and Paulian, 1945.

**Subtribe GNATHIDIINA Gebien, 1921**

GNATHIDIINAE Gebien, 1921: 41 [stem: *Gnathidi-*]. Type genus: *Gnathidium* Gebien, 1921.

**Tribe HYOCINI Medvedev and Lawrence, 1982**

HYOCINI G. S. Medvedev and Lawrence, 1982: 548 [stem: *Hyoci-*]. Type genus: *Hyocis* Pascoe, 1866.

**Subtribe BRITTONINA Medvedev and Lawrence, 1986**

BRITTONINA G. S. Medvedev and Lawrence, 1986: 574 [stem: *Britton-*]. Type genus: *Brittona* G. S. Medvedev and Lawrence, 1986.

**Subtribe HYOCIINA Medvedev and Lawrence, 1982**

HYOCINI G. S. Medvedev and Lawrence, 1982: 548 [stem: *Hyoci-*]. Type genus: *Hyocis* Pascoe, 1866. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe UPTONINA Medvedev and Lawrence, 1986**

UPTONINA G. S. Medvedev and Lawrence, 1986: 581 [stem: *Upton-*]. Type genus: *Uptona* G. S. Medvedev and Lawrence, 1986.

**Tribe HYPOPHLAEINI Billberg, 1820**

HYPOPHLAEIDES Billberg, 1820a: 33 [stem: *Hypophlae-*]. Type genus: *Hypophlaeus* Fabricius, 1790 [syn. of *Corticeus* Piller and Mitterpacher, 1783].

CORTICEINI Boddy, 1965: 144 [stem: *Cortice-*]. Type genus: *Corticeus* Piller and Mitterpacher, 1783.

**Tribe LEOCHRININI Lewis, 1894**

LEIOCHRININAE Lewis, 1894: 390 [stem: *Leiochrin-*]. Type genus: *Leiochrinus* Westwood, 1883.

**Tribe MYRMECHIXENINI Jacquelin du Val, 1858**

MYRMÉCHIXÉNITES Jacquelin du Val, 1858: 223 [stem: *Myrmechixen-*]. Type genus: *Myrmechixenus* Chevrolat, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Marseul (1863: 111, as MYRMEKIXENI [incorrect stem formation]), generally accepted as in Bouchard et al. (2005: 503, as MYRMECHIXENINI); originally placed in the family MYCETAEIDAE (syn. of ENDOMYCHIDAE).

**Tribe PHALERIINI Blanchard, 1845**

PHALÉRIIDES Blanchard, 1845b: 29 [stem: *Phaleri-*]. Type genus: *Phaleria* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1975)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gistel (1848: [10], as PHALERIADAE [incorrect stem formation]), generally accepted as in Bouchard et al. (2005: 503, as PHALERIINI).

SEPEDONASTIDAE Gistel, 1856a: 382 [stem: *Sepedonast-*]. Type genus: *Sepedonastes* Gistel, 1856 [syn. of *Phaleria* Latreille, 1802].

CATAPHRONETINI Reitter, 1917: 57 [stem: *Cataphronet-*]. Type genus: *Cataphronetis* Lucas, 1846 [syn. of *Phtora* Germar, 1836].

**Tribe SCAPHIDEMINI Reitter, 1922**

SCAPHIDEMINI Reitter, 1922b: 2 [stem: *Scaphidem-*]. Type genus: *Scaphidema* Redtenbacher, 1849.

**Tribe TRACHYSCELINI Blanchard, 1845**

TRACHYSCÉLIDES Blanchard, 1845b: 28 [stem: *Trachyscel-*]. Type genus: *Trachyscelis* Latreille, 1809. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by G. R. Waterhouse (1858: 60, as TRACHYSCELIDAE), generally accepted as in Bouchard et al. (2005: 503, as TRACHYSCELINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Trachyscelid-*); conservation of the original stem avoids potential homonymy with family-group names based on the type genus *Trachyscelida* G. H. Horn, 1893 in CHRYSOMELIDAE.

**Subfamily STENOCHIINAE Kirby, 1837**

STENOCHIADAE Kirby, 1837: 238 [stem: *Stenochi-*]. Type genus: *Stenochia* Kirby, 1819.

**Tribe CNODALONINI Oken, 1843**

- CNODALIDEN Oken, 1843: 484 [stem: *Cnodalon*-]. Type genus: *Cnodalon* Latreille, 1797. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Tulk (1847: 614, as CNODALIDAE); family-group name previously attributed to Gistel (1856a: 382); the correct stem based on *Cnodalon* is *Cnodal*-, therefore the original stem was correctly formed; however, since this family-group name has not been attributed to Oken (1843) in the past and the accepted stem has been *Cnodalon*- to this date, we have kept the currently accepted stem; an application to the Commission is necessary to conserve *Cnodalon*- as the correct stem for this taxon.
- COELOMETOPIDAE Schaum, 1859: 71 [stem: *Coelometop*-]. Type genus: *Coelometopus* Solier, 1848. Comment: published before February 31, 1859; this family-group name was also used in the same year by Lacordaire (1859 [before 27 June]: 358, as COELOMÉTOPIDES).
- UPIDAE C. G. Thomson, 1859: 116 [stem: *Upid*-]. Type genus: *Upis* Fabricius, 1792. Comment: incorrect original stem formation, not in prevailing usage.
- EUTÉLIDES Lacordaire, 1859: 354 [stem: *Eutel*-]. Type genus: *Eutelus* Solier, 1843 [preoccupied genus name, not *Eutelus* Walker, 1834 [Hymenoptera]; syn. of *Nodotelus* Koch, 1950]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1866b: 469, as EUTELINAE), generally accepted as in Gebien (1911: 431, as EUTELINAE); permanently invalid (Art. 39): based on preoccupied type genus; EUTELINI Ashmead, 1904 (type genus *Eutelus* Walker, 1834) is available in Hymenoptera.
- MISOLAMPIDES Lacordaire, 1859: 440 [stem: *Misolamp*-]. Type genus: *Misolampus* Latreille, 1807. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by and generally accepted as in F. Bates (1873: 373, as MISOLAMPIDES [treated as Latin]).
- CATAPIESTIDES Lacordaire, 1859: 381 [stem: *Catapiest*-]. Type genus: *Catapiestus* Perty, 1831. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Seidlitz (1895: 614, as CATAPIESTINA).
- \*CAMARIDES Desmarest, 1860: 165 [stem: *Camari*-]. Type genus: *Camaria* Lepelletier and Audinet-Serville, 1828. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Desmarest (1860).
- POLYPLEURI J. L. LeConte, 1862: 229 [stem: *Polypleur*-]. Type genus: *Polypleurus* Eschscholtz, 1831.
- MISOLAMPIDIINI Reitter, 1917: 60, in key [stem: *Misolampidi*-]. Type genus: *Misolampidius* Solsky, 1876.
- MENEPHILINI Reitter, 1920: 15 [stem: *Menephil*-]. Type genus: *Menephilus* Mulsant, 1854.
- STENOPHANINI Reitter, 1922b: 2, 3 [stem: *Stenophan*-]. Type genus: *Stenophanes* Solsky, 1876.

HEGEMONINI Reitter, 1922b: 3 [stem: *Hegemon-*]. Type genus: *Hegemonia* Laporte, 1840.

CAMARIINAE Anonymous, 1924: 164 [stem: *Camari-*]. Type genus: *Camaria* Lepelletier and Audinet-Serville, 1828. Comment: this was a translation of the vernacular name “CAMARIINEN” used by Gebien (1919); Gebien’s family-group name is not available since it was proposed in a vernacular form after 1899 (Art. 11.7.2); for comments about authorship of Camariinae see Evenhuis et al. (2008: 4).

NODOTELINI Koch, 1950: 67 [stem: *Nodotel-*]. Type genus: *Nodotelus* Koch, 1950. Comment: replacement name for EUTELINI Lacordaire, 1859 because of the homonymy of the type genus.

\*THESILEINI Kaszab, 1982: 29 [stem: *Thesile-*]. Type genus: *Thesilea* Haag-Rutenberg, 1878. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### **Tribe STENOCHIINI Kirby, 1837**

STENOCHIADAE Kirby, 1837: 238 [stem: *Stenochi-*]. Type genus: *Stenochia* Kirby, 1819. Comment: incorrect original stem formation, not in prevailing usage.

STRONGYLIIDES Lacordaire, 1859: 478 [stem: *Strongyli-*]. Type genus: *Strongylium* Kirby, 1819 [name conserved over *Strongylium* Ditmar, 1809 [Myxomycota] (see Bouchard et al. 2005)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 241, as STRONGYLIINI), generally accepted as in Aalbu et al. (2002: 483, as STRONGYLIINI).

### **Tribe TALANINI Champion, 1887 (1883)**

DIGNAMPTINI J. L. LeConte and G. H. Horn, 1883: 385 [stem: *Dignampt-*]. Type genus: *Dignamptus* J. L. LeConte, 1878 [syn. of *Talanus* Jacquelin du Val, 1857].

TALANIDES Champion, 1887: 321 [stem: *Talan-*]. Type genus: *Talanus* Jacquelin du Val, 1857. Comment: family-group name conserved over DIGNAMPTINI J. L. LeConte and G. H. Horn, 1883 (Art. 40.2) (see Bouchard et al. 2005).

### **TENEBRIONIDAE *incertae sedis***

BETSCHIINI Dajoz, 1980a: 135 [stem: *Betschi-*]. Type genus: *Betschia* Dajoz, 1980. Comment: originally placed in the family COLYDIIDAE, the type genus was transferred to TENEBRIONIDAE by Ivie and Ślipiński (1990: 18); placement uncertain although probably close to GNATHIDIINI (Ivie pers. comm. 2008).

### **Family PROSTOMIDAE Thomson, 1859**

\*MÉGAGNATHES Motschulsky, 1849: 60 [stem: *Megagnath-*]. Type genus: *Megagnathus* Dejean, 1821 [preoccupied genus name, not *Megagnathus* Billberg, 1820]

[Coleoptera: CERAMBYCIDAE]; syn. of *Prostomis* Latreille, 1819]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; if found to be available then permanently invalid (Art. 39): based on preoccupied type genus.

PROSTOMIDAE C. G. Thomson, 1859: 84 [stem: *Prostom-*]. Type genus: *Prostomis* Latreille, 1819. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Prostomid-*).

### **Family SYNCHROIDAE Lacordaire, 1859**

SYNCHROÏDES Lacordaire, 1859: 544 [stem: *Synchro-*]. Type genus: *Synchroa* Newman, 1838. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 249, as SYNCHROAE), generally accepted as in Lawrence and Newton (1995: 894, as SYNCHROIDAE).

MALLODRYINI G. H. Horn, 1888: 43 [stem: *Mallodry-*]. Type genus: *Mallodrya* G. H. Horn, 1888.

### **Family STENOTRACHELIDAE Thomson, 1859**

STENOTRACHELIDAE C. G. Thomson, 1859: 124 [stem: *Stenotrachel-*]. Type genus: *Stenotrachelus* Berthold, 1827.

#### **Subfamily STENOTRACHELINAE Thomson, 1859**

STENOTRACHELIDAE C. G. Thomson, 1859: 124 [stem: *Stenotrachel-*]. Type genus: *Stenotrachelus* Berthold, 1827.

#### **Subfamily CEPHALOINAE LeConte, 1862**

\*CEPHALAONIDES Motschulsky, 1860: 140 [stem: *Cephalo-*]. Type genus: *Cephaloon* Newman, 1838 [as *Cephalaon*, incorrect subsequent spelling of type genus name corrected by Motschulsky to *Cephaloon* on pp. 140 in same work]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1860).

CEPHALOIDAE J. L. LeConte, 1862: 259 [stem: *Cephalo-*]. Type genus: *Cephaloon* Newman, 1838.

#### **Subfamily NEMATOPLINAE LeConte, 1862**

NEMATOPLI J. L. LeConte, 1862: 264 [stem: *Nematopl-*]. Type genus: *Nematoplus* J. L. LeConte, 1855.

#### **Subfamily STOLIINAE Nikitsky, 1985**

STOLIINAE Nikitsky, 1985: 32, in key [stem: *Stoli-*]. Type genus: *Stolius* Lewis, 1895.

### **Family OEDEMERIDAE Latreille, 1810**

OEDEMERITES Latreille, 1810: 216 [stem: *Oedemer-*]. Type genus: *Oedemera* A. G. Olivier, 1789.

**Subfamily POLYPRIINAE Lawrence, 2005**

\*POLYPRIIDAE Triplehorn and N. F. Johnson, 2005: 441 [stem: *Polypri-*]. Type genus: *Polypria* Chevrolat, 1874. Comment: unavailable family-group name, name published after 1999 and not explicitly indicated as new (Art. 16.1).

POLYPRIINAE Lawrence, 2005: 671, in key [stem: *Polypri-*]. Type genus: *Polypria* Chevrolat, 1874.

**Subfamily CALOPODINAE Costa, 1852 *nomen protectum***

SPAREDRIIDAE Gistel, 1848: [11] [stem: *Sparedr-*]. Type genus: *Sparedrus* Dejean, 1821.

Comment: *nomen oblitum* (see Appendix 1); incorrect original stem formation, not in prevailing usage.

CALOPINI A. Costa, 1852: 4 [stem: *Calopod-*]. Type genus: *Calopus* Fabricius, 1775.

Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Semenov (1894: 449, as CALOPODIDAE), generally accepted as in Švihla (2008: 353, as CALOPODINAE); *nomen protectum* (see Appendix 1); incorrect original stem formation, not in prevailing usage.

CATACHIROTIDAE Gistel, 1856a: 384 [stem: *Catachirotet-*]. Type genus: *Catachirotetes* Gistel, 1856 [syn. of *Calopus* Fabricius, 1775]. Comment: incorrect original stem formation, not in prevailing usage.

**Subfamily OEDEMERINAE Latreille, 1810**

OEDEMERITES Latreille, 1810: 216 [stem: *Oedemer-*]. Type genus: *Oedemera* A. G. Olivier, 1789.

**Tribe ASCLERINI Gistel, 1848**

ASCLERAEIDAE Gistel, 1848: [11] [stem: *Ascler-*]. Type genus: *Asclera* Stephens, 1839. Comment: incorrect original stem formation, not in prevailing usage.

GANGLBAUERIIDAE Semenov, 1894: 450 [stem: *Ganglebaueri-*]. Type genus: *Ganglebaueria* Semenov, 1891.

\*HYPASCLERINI Macnamara, 1971: 164 [stem: *Hypascler-*]. Type genus: *Hypasclera* Kirsch, 1866. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*HYPASCLERINI Švihla, 1986: 161 [stem: *Hypascler-*]. Type genus: *Hypasclera* Kirsch, 1866. Comment: family-group name unavailable (Art. 11.6): originally published as synonym and not made available subsequently.

\*DANACERINAE Švihla, 1986: 161 [stem: *Danerc-*]. Type genus: *Danercus* Westwood, 1875. Comment: family-group name unavailable (Art. 11.6): originally published as synonym and not made available subsequently; incorrect original stem formation, not in prevailing usage.

\*OXACINI Švihla, 1986: 161 [stem: *Oxacid-*]. Type genus: *Oxacidis* J. L. LeConte, 1866. Comment: family-group name unavailable (Art. 11.6): originally pub-



lished as synonym and not made available subsequently; incorrect original stem formation, not in prevailing usage.

### **Tribe DITYLINI Mulsant, 1858**

\*DITYLES Motschulsky, 1849: 59 [stem: *Dityl-*]. Type genus: *Ditylus* Fischer von Waldheim, 1817. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849).

DITYLATES Mulsant, 1858: 100 [stem: *Dityl-*]. Type genus: *Ditylus* Fischer von Waldheim, 1817. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Semenov (1894: 450, as DITYLIDAE), generally accepted as in Kriska (2002: 517, as DITYLINI).

### **Tribe NACERDINI Mulsant, 1858**

NACERDATES Mulsant, 1858: 104 [stem: *Nacerd-*]. Type genus: *Nacerdes* Dejean, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Semenov (1894: 450, as NACERDIDAE), generally accepted as in Hansen (1996: 175, as NACERDINI).

### **Tribe OEDEMERINI Latreille, 1810**

OEDEMERITES Latreille, 1810: 216 [stem: *Oedemer-*]. Type genus: *Oedemera* A. G. Olivier, 1789.

ONCOMERADAE Gistel, 1856a: 384 [stem: *Oncomer-*]. Type genus: *Oncomera* Stephens, 1829 [subgenus of *Oedemera* A. G. Olivier, 1789; placed on the Official List of Generic Names in Zoology (ICZN 1988f)]. Comment: incorrect original stem formation, not in prevailing usage.

\*ONCOMERININI Švihla, 1986: 161 [stem: *Oncomerin-*]. Type genus: *Oncomerina* Seidlitz, 1899 [syn. of *Oncomera* Stephens, 1829]. Comment: family-group name unavailable (Art. 11.6): originally published as synonym and not made available subsequently.

### **Tribe STENOSTOMATINI Mulsant, 1858**

STÉNOSTOMATES Mulsant, 1858: 228 [stem: *Stenostomat-*]. Type genus: *Stenostoma* Latreille, 1810. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Semenov (1894: 450, as STENOSTOMATIDAE), generally accepted as in Švihla (2008: 369, as STENOSTOMINI [incorrect stem formation]); incorrect original stem formation, not in prevailing usage.

### **Family MELOIDAE Gyllenhal, 1810**

MELOOIDES Gyllenhal, 1810: 481 [stem: *Melo-*]. Type genus: *Meloe* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1999c)]. Comment: given precedence over the older name HORIIDAE Latreille, 1802 and placed on the Official List of Family-Group Names in Zoology (ICZN 1999c).

**Subfamily ELETICINAE Wellman, 1910**

ELETICIDES Wellman, 1910: 221 [stem: *Eletic-*]. Type genus: *Eletica* Dejean, 1834.  
Comment: First Reviser (ELETICINAE Wellman, 1910 vs DERIDEINAE Wellman, 1910) not determined, current usage maintained.

**Tribe DERIDEINI Wellman, 1910**

DERIDEIDES Wellman, 1910: 222 [stem: *Deride-*]. Type genus: *Deridea* Westwood, 1875.

**Tribe ELETICINI Wellman, 1910**

ELETICIDES Wellman, 1910: 221 [stem: *Eletic-*]. Type genus: *Eletica* Dejean, 1834.

**Subtribe ELETICINA Wellman, 1910**

ELETICIDES Wellman, 1910: 221 [stem: *Eletic-*]. Type genus: *Eletica* Dejean, 1834.

**Subtribe EOSPASTINA Selander, 1966**

EOSPASTINA Selander, 1966: 474 [stem: *Eospast-*]. Type genus: *Eospasta* Selander, 1966.

**Tribe ERTLIANINI Selander, 1966**

ERTLIINI Kaszab, 1959: 71 [stem: *Ertli-*]. Type genus: *Ertlia* Borchmann, 1942 [preoccupied genus name, not *Ertlia* Aurivillius, 1907 [Coleoptera: CERAMBYCIDAE]; syn. of *Morphozonitis* Pic, 1922]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ERTLIANINA Selander, 1966: 478 [stem: *Ertlian-*]. Type genus: *Ertliana* Selander, 1964 [syn. of *Morphozonitis* Pic, 1922]. Comment: replacement name for ERTLIINI Kaszab, 1959 because of the homonymy of the type genus; although Selander (1991: 78) used MORPHOZONITINA Kaszab, 1969 as the valid name for this taxon (because of the synonymy of *Ertliana* Selander with *Morphozonitis* Pic) the Principle of Priority applies here and therefore the oldest available family-group name ERTLIANINI should be used as valid instead.

MORPHOZONITINI Kaszab, 1969: 242 [stem: *Morphozonitid-*]. Type genus: *Morphozonitis* Pic, 1922. Comment: replacement name for ERTLIINI Kaszab, 1959 because of the homonymy of the type genus and ERTLIANINA Selander, 1966 because of the synonymy of the type genus; incorrect original stem formation, not in prevailing usage.

**Tribe SPASTICINI Kaszab, 1959**

SPASTICINA Kaszab, 1959: 72 [stem: *Spastic-*]. Type genus: *Spastica* Lacordaire, 1859.

**Subtribe ANTHICOXENINA Selander, 1966**

ANTHICOXENINA Selander, 1966: 470 [stem: *Anthicoxen-*]. Type genus: *Anthicoxenus* Fairmaire and Germain, 1860.

**Subtribe PROTOMELOINA Abdullah, 1965**

PROTOMELOINI M. Abdullah, 1965b: 43 [stem: *Protomelo-*]. Type genus: *Protomeloe* M. Abdullah, 1965.

**Subtribe SPASTICINA Kaszab, 1959**

SPASTICINA Kaszab, 1959: 72 [stem: *Spastic-*]. Type genus: *Spastica* Lacordaire, 1859.

**Subtribe XENOSPASTINA Selander, 1966**

XENOSPASTINA Selander, 1966: 460, in key [stem: *Xenospast-*]. Type genus: *Xenospasta* Selander, 1966.

**Subfamily MELOINAE Gyllenhal, 1810**

MELOOIDES Gyllenhal, 1810: 481 [stem: *Melo-*]. Type genus: *Meloe* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1999c)].

**Tribe CEROCOMINI Leach, 1815**

CEROCOMATIDA Leach, 1815: 105 [stem: *Cerocom-*]. Type genus: *Cerocomia* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

**Tribe EPICAUTINI Parker and Böving, 1924**

MACROBASES J. L. LeConte, 1862: 272 [stem: *Macrobasis-*]. Type genus: *Macrobasis* J. L. LeConte, 1862 [subgenus of *Epicauta* Dejean, 1834]. Comment: incorrect original stem formation, not in prevailing usage.

APTEROSPASTIDES Wellman, 1910: 221 [stem: *Apterospast-*]. Type genus: *Apterospasta* J. L. LeConte, 1862 [syn. of *Macrobasis* J. L. LeConte, 1862].

EPICAUTINI Parker and Böving, 1924: 25 [stem: *Epicaut-*]. Type genus: *Epicauta* Dejean, 1834. Comment: family-group name previously attributed to Denier (1935); this name is threatened by the two older names MACROBASEINI J. L. LeConte, 1862 and APTEROSPASTINI Wellman, 1910; to maintain nomenclatural stability, we believe that an application should be submitted to the Commission to conserve usage of the well-established name EPICAUTINI.

\*HENOINI Böving and Craighead, 1931: 79 [stem: *Heno-*]. Type genus: *Henous* Haldeman, 1852 [syn. of *Epicauta* Dejean, 1834]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Tribe EUPOMPHINI LeConte, 1862**

- EUPOMPHAE J. L. LeConte, 1862: 274 [stem: *Eupomph-*]. Type genus: *Eupompha* J. L. LeConte, 1858. Comment: First Reviser found (EUPOMPHINI J. L. LeConte, 1862 vs PHODAGINI J. L. LeConte, 1862) is Selander (1991: 78, as EUPOMPHINA).
- PHODAGAE J. L. LeConte, 1862: 274 [stem: *Phodag-*]. Type genus: *Phodaga* J. L. LeConte, 1858.
- CALOSPASTIDES Wellman, 1910: 221 [stem: *Calospast-*]. Type genus: *Calospasta* J. L. LeConte, 1862 [syn. of *Eupompha* J. L. LeConte, 1858].
- GYNAECOMELODIDES Wellman, 1910: 221 [stem: *Gynaecomelo-*]. Type genus: *Gynaecomeloe* Wellman, 1910 [syn. of *Cordylospasta* G. H. Horn, 1875]. Comment: incorrect original stem formation, not in prevailing usage.
- CORDYLOSPASTIDES Wellman, 1910: 221 [stem: *Cordylospast-*]. Type genus: *Cordylospasta* G. H. Horn, 1875.
- CYSTEODEMIDES Wellman, 1910: 221 [stem: *Cysteodem-*]. Type genus: *Cysteodemus* J. L. LeConte, 1851.
- TEGRODERINI L. S. Dillon, 1952: 373 [stem: *Tegroder-*]. Type genus: *Tegrodera* J. L. LeConte, 1851.
- MEGETRINA Kaszab, 1959: 80 [stem: *Megetr-*]. Type genus: *Megetra* J. L. LeConte, 1859.

**Tribe LYTTINI Solier, 1851**

- CANTHARIDIAE Latreille, 1802: 185 [stem: *Canthar-*]. Type genus: *Cantharis* sensu Latreille, 1802 [not *Cantharis* Linnaeus, 1758; syn. of *Lytta* Fabricius, 1775]. Comment: based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principles of Priority and Homonymy (Art. 65.2.1); also see CANTHARIDAE Imhoff, 1856.
- \*LYTTES Motschulsky, 1849: 59 [stem: *Lytt-*]. Type genus: *Lytta* Fabricius, 1775. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849).
- LYTTOIDES Solier, 1851: 278 [stem: *Lytt-*]. Type genus: *Lytta* Fabricius, 1775. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gistel (1856a: 385, as LYTTADAE [incorrect stem formation]), generally accepted as in Selander (1991: 78, as LYTTINA); although this is not the oldest name for the tribe, we recommend that an application be submitted to the Commission to suppress CANTHARINI Latreille, 1802 because it is based on a misidentified type genus (Art. 65.2.1).
- \*ALOSIMATES Mulsant, 1857: 358 [stem: *Alosim-*]. Type genus: *Alosimus* Mulsant, 1857. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Selander (1991: 65, as ALOSIMINA), but not generally accepted as valid; Selander's name is also unavailable, it was pro-

posed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*LYDINI Wellman, 1908: 424 [stem: *Lyd-*]. Type genus: *Lydus* Dejean, 1821. Comment: family-group name unavailable (Art. 11.6): originally published as synonym and not made available subsequently; Wellman correctly pointed out that the family-group for a taxon based on *Lydus* should be LYDINI, however he did not want to use this family-group name since the name LYDIDAE Newman, 1834 (type genus *Lyda* Fabricius, 1805) is available for a group of Hymenoptera: Symphyta.

SYBARIDES Wellman, 1910: 221 [stem: *Sybare-*]. Type genus: *Sybaris* Stephens, 1832. Comment: incorrect original stem formation, not in prevailing usage.

LYDINA Kaszab, 1959: 82 [stem: *Lyd-*]. Type genus: *Lydus* Dejean, 1821. Comment: Kaszab proposed the subtribe name LYDINA without reference to the comment by Wellman (1908) and his family-group name has been used as valid in MELOIDAE since (e.g., Turco et al. 2006); the name LYDIDAE Newman, 1834 (type genus *Lyda* Fabricius, 1805) is available for a group of Hymenoptera: Symphyta; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

PROLYTTINI Selander, 1960: 25 [stem: *Prolytt-*]. Type genus: *Prolytta* Kaszab, 1959.

### Tribe MELOINI Gyllenhal, 1810

MELOOIDES Gyllenhal, 1810: 481 [stem: *Melo-*]. Type genus: *Meloe* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1999c)].

PROSCARABAEIDAE Gistel, 1848: [11] [stem: *Proscarabae-*]. Type genus: *Proscarabaeus* Schrank, 1781 [syn. of *Meloe* Linnaeus, 1758].

### Tribe MYLABRINI Rafinesque, 1815

MYLABRIA Rafinesque, 1815: 114 [stem: *Mylabr-*]. Type genus: *Mylabris* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1995a)]. Comment: family-group name previously attributed to Billberg (1820a); Brullé (1832: 190) uses the family-group name “CORYNITES” for a group containing the genera *Sarrotrium* Illiger, 1798, *Orthocerus* Latreille, 1797, *Chiroscelis* Lamarck, 1804, *Toxicum* Latreille, 1802 and *Boros* Herbst, 1797, although Brullé could have based his family-group name on *Coryna* Billberg, 1813 (which is a junior homonym and a synonym of *Hycleus* Latreille, 1817 in MYLABRINI) we cannot be sure and therefore we have not considered this a separate family-group name.

ZONABRINI Wellman, 1908: 424 [stem: *Zonabr-*]. Type genus: *Zonabris* Harold, 1879 [syn. of *Mylabris* Fabricius, 1775].

CALYDINA Kaszab, 1960: 126 [stem: *Calyd-*]. Type genus: *Calydus* Reitter, 1896.

### Tribe PYROTINI MacSwain, 1956

PYROTINI MacSwain, 1956: 67 [stem: *Pyrot-*]. Type genus: *Pyrota* Dejean, 1834.

**Subfamily TETRAONYCINAE Böving and Craighead, 1931**

TETRAONYCIDAE Böving and Craighead, 1931: 59, in key [stem: *Tetraonyc-*]. Type genus: *Tetraonyx* Latreille, 1809. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Tetraonych-*).

MELOETYPHLINI Borgmeier, 1937: 248 [stem: *Meloetyphl-*]. Type genus: *Meloetypplus* C. O. Waterhouse, 1872.

**Subfamily NEMOGNATHINAE Laporte, 1840**

NEMOGNATHITES Laporte, 1840b: 280 [stem: *Nemognath-*]. Type genus: *Nemognatha* Illiger, 1807 [as *Nemognathus*, unjustified emendation of type genus name by Latreille (1829b), not in prevailing usage; *Nemognatha* Illiger, 1807 placed on the Official List of Generic Names in Zoology (ICZN 1999c)]. Comment: NEMOGNATHINAE Laporte, 1840 placed on the Official List of Family-Group Names in Zoology and given precedence over HORIINAE Latreille, 1802 (ICZN 1999c).

**Tribe HORIINI Latreille, 1802**

HORIALES Latreille, 1802: 182 [stem: *Hori-*]. Type genus: *Horia* Fabricius, 1787 [placed on the Official List of Generic Names in Zoology (ICZN 1999c)]. Comment: HORIIDAE Latreille, 1802 placed on the Official List of Family-Group Names in Zoology (ICZN 1999c); MELOIDAE Gyllenhal, 1810 and NEMOGNATHINAE Laporte, 1840 given precedence over this name (ICZN 1999c).

CISSITINI Kaszab, 1966: 187 [stem: *Cissit-*]. Type genus: *Cissites* Latreille, 1804. Comment: we accept the character about parameres given by Kaszab (1966: 187) to characterize this tribe as sufficient to fulfill the requirements of Art. 13.1; Selander (1991: 66) treated this name as unavailable.

**Tribe NEMOGNATHINI Laporte, 1840**

NEMOGNATHITES Laporte, 1840b: 280 [stem: *Nemognath-*]. Type genus: *Nemognatha* Illiger, 1807 [as *Nemognathus*, unjustified emendation of type genus name by Latreille (1829b), not in prevailing usage; *Nemognatha* Illiger, 1807 placed on the Official List of Generic Names in Zoology (ICZN 1999c)].

**Subtribe NEMOGNATHINA Laporte, 1840**

NEMOGNATHITES Laporte, 1840b: 280 [stem: *Nemognath-*]. Type genus: *Nemognatha* Illiger, 1807 [as *Nemognathus*, unjustified emendation of type genus name by Latreille (1829b), not in prevailing usage; *Nemognatha* Illiger, 1807 placed on the Official List of Generic Names in Zoology (ICZN 1999c)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 270, as NEMOGNATHINI), generally accepted as in Hansen (1996: 176, as NEMOGNATHINAE).

HORNII Dugès, 1889: 213 [stem: *Horni-*]. Type genus: *Hornia* Riley, 1877.



TRICRANIIDES Wellman, 1910: 222 [stem: *Tricrani-*]. Type genus: *Tricrania* J. L. LeConte, 1860.

### **Subtribe ZONITIDINA Mulsant, 1857**

\*ZONITES Motschulsky, 1849: 59 [stem: *Zonitid-*]. Type genus: *Zonitis* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1999c)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849); incorrect original stem formation, not in prevailing usage.

ZONITAIRES Mulsant, 1857: 322 [stem: *Zonitid-*]. Type genus: *Zonitis* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1999c)]. Comment: incorrect original stem formation, not in prevailing usage; ZONITIDINAE Mulsant, 1857 placed on the Official List of Family-Group Names in Zoology (ICZN 1999c); this family-group name is a senior homonym of ZONITIDAE Mörch, 1864 in Mollusca (based on *Zonites* Montfort, 1810) which is used as valid in recent literature (see Bologna and Pinto 1997); stem of family-group name changed to *Zonitid-* by the Commission (ICZN 1999c) to remove from homonymy with Mörch's name.

\*LEPTOPALPINA Kaszab, 1959: 102, Fig. 97 [stem: *Leptopalp-*]. Type genus: *Leptopalpus* Guérin-Méneville, 1834. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

LEPTOPALPINA Kaszab, 1963: 138 [stem: *Leptopalp-*]. Type genus: *Leptopalpus* Guérin-Méneville, 1834.

\*PALAESTRINA Kaszab, 1969: 244 [stem: *Palaestr-*]. Type genus: *Palaestra* Laporte, 1840. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### **Subtribe SITARINA Mulsant, 1857**

\*APALES Motschulsky, 1849: 59 [stem: *Apal-*]. Type genus: *Apalus* Fabricius, 1775. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849).

SITARATES Mulsant, 1857: 393 [stem: *Sitar-*]. Type genus: *Sitaris* Latreille, 1802. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Dugès (1886: 580, as SITARINI), generally accepted as in Selander (1991: 79, as SITARINA).

APALIDES Parker and Böving, 1924: 33 [stem: *Apal-*]. Type genus: *Apalus* Fabricius, 1775.

STENORIIDES Parker and Böving, 1924: 32 [stem: *Stenori-*]. Type genus: *Stenoria* Mulsant, 1857.

**Tribe STENODERINI Selander, 1991**

\*STENODERINI Selander, 1964: 1057 [stem: *Stenoder-*]. Type genus: *Stenodera* Eschscholtz, 1818. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

STENODERINI Selander, 1991: 77 [stem: *Stenoder-*]. Type genus: *Stenodera* Eschscholtz, 1818. Comment: junior homonym of STENODERINI Pascoe, 1867 (type genus *Stenoderus* Dejean, 1821) currently used as valid in CERAMBYCIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

**Family MYCTERIDAE Oken, 1843**

MYCTERIDEN Oken, 1843: 484 [stem: *Mycter-*]. Type genus: *Mycterus* Clairville, 1798.

**Subfamily MYCTERINAE Oken, 1843**

RHINOMACERIDAE Fleming, 1821: 50 [stem: *Rhinomacr-*]. Type genus: *Rhinomacer* Fabricius, 1781 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 2005c); syn. of *Mycterus* Clairville, 1798]. Comment: permanently invalid (Art. 39): based on suppressed type genus; incorrect original stem formation, not in prevailing usage.

MYCTERIDEN Oken, 1843: 484 [stem: *Mycter-*]. Type genus: *Mycterus* Clairville, 1798. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Tulk (1847: 614, as MYCTERIDAE); name previously attributed to Blanchard (1845b: 97).

ARTAXIDAE Gistel, 1848: [8] [stem: *Artax-*]. Type genus: *Artaxus* Gistel, 1848 [syn. of *Mycterus* Clairville, 1798].

**Subfamily EURYPINAE Thomson, 1860**

EURYPITAE J. Thomson, 1860b: 63 [stem: *Euryp-*]. Type genus: *Eurypus* Kirby, 1819. Comment: the correct stem based on the type genus *Eurypus* is *Eurypod-*, however, we prefer to conserve the incorrect original stem formation for this name (Art. 29.5) to avoid homonymy with EURYPODINI Gahan, 1906 (type genus *Eurypoda* W. Saunders, 1853) currently used as valid in CERAMBYCIDAE.

LACCONOTINI J. L. LeConte, 1862: 254 [stem: *Lacconot-*]. Type genus: *Lacconotus* J. L. LeConte, 1862.

BATOBIINA Seidlitz, 1917a: 88 [stem: *Batobi-*]. Type genus: *Batobius* Fairmaire and Germar, 1863.

THISIINA Seidlitz, 1917a: 91 [stem: *Thisi-*]. Type genus: *Thisias* Champion, 1889.

\*STILPNONOTINAE Blackwelder, 1945: 503 [stem: *Stilpnonot-*]. Type genus: *Stilpnonotus* Gray, 1832. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Subfamily HEMIPEPLINAE Lacordaire, 1854**

HÉMIPEPLIDES Lacordaire, 1854b: 404 [stem: *Hemipepl-*]. Type genus: *Hemipeplus* Latreille, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 96, as HEMIPEPLIDAE), generally accepted as in Pollock (2002: 532, as HEMIPEPLINAE).

**Family BORIDAE Thomson, 1859**

BORIDAE C. G. Thomson, 1859: 117 [stem: *Bor-*]. Type genus: *Boros* Herbst, 1797.

**Subfamily BORINAE Thomson, 1859**

BORIDAE C. G. Thomson, 1859: 117 [stem: *Bor-*]. Type genus: *Boros* Herbst, 1797.

**Subfamily SYNERCTICINAE Lawrence and Pollock, 1994**

SYNERCTICINAE Lawrence and Pollock, 1994: 36, in key [stem: *Synerctic-*]. Type genus: *Synercticus* Newman, 1842.

**Family TRICTENOTOMIDAE Blanchard, 1845**

TRICTÉNOMIDES Blanchard, 1845b: 137 [stem: *Trictenotom-*]. Type genus: *Trictenotoma* Gray, 1832. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by F. Smith (1851: 18, as TRICTENOTOMIDAE), generally accepted as in Lawrence and Newton (1995: 897, as TRICTENOTOMIDAE).

**Family PYTHIDAE Solier, 1834**

PYTHITES Solier, 1834: 496 [stem: *Pyth-*]. Type genus: *Pytho* Latreille, 1797. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by C. G. Thomson (1859: 123, as PYTHONIDAE [incorrect stem formation]), generally accepted as in Hansen (1996: 176, as PYTHIDAE).

ENOPTISIDAE Gistel, 1848: [11] [stem: *Enopt-*]. Type genus: *Enoptes* Gistel, 1848 [syn. of *Pytho* Latreille, 1797]. Comment: incorrect original stem formation, not in prevailing usage.

ISCHYOMIDES Champion, 1886: 258 [stem: *Ischyomi-*]. Type genus: *Ischyomius* Chevrolat, 1878.

OSPHYOPLESINI Reitter, 1917: 59, in key [stem: *Osphyoplesi-*]. Type genus: *Osphyoplesius* A. Winkler, 1915.

ANAPLOPINAE M. Abdullah, 1966: 147 [stem: *Anaplopod-*]. Type genus: *Anaplopus* Blackburn, 1890. Comment: incorrect original stem formation, not in prevailing usage.

**Family PYROCHROIDAE Latreille, 1806**

PYROCHROIDES Latreille, 1806: 199 [stem: *Pyrochro-*]. Type genus: *Pyrochroa* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

**Subfamily TYDESSINAE Nikitsky, 1986**

TYDESSINI Nikitsky, 1986: 1188 [stem: *Tydess-*]. Type genus: *Tydessia* Peacock, 1982.

**Subfamily PILIPALPINAE Abdullah, 1964**

PILIPALPINI M. Abdullah, 1964: 4 [stem: *Pilipalp-*]. Type genus: *Pilipalpus* Fairmaire, 1876.  
 TECHMESSINAE Paulus, 1972b: 84, in key [stem: *Techmess-*]. Type genus: *Techmessa* F. Bates, 1874.

**Subfamily PEDILINAE Lacordaire, 1859**

PÉDILIDES Lacordaire, 1859: 574 [stem: *Pedil-*]. Type genus: *Pedilus* Fischer von Waldheim, 1820. Comment: published before 27 June 1859; original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1859a [December]: 46, as PEDILIDAE), generally accepted as in Lawrence and Newton (1995: 898, as PEDILINAE).  
 NEOPEDILINI M. Abdullah, 1969a: 354 [stem: *Neopedil-*]. Type genus: *Neopedilus* M. Abdullah, 1969 [syn. of *Pedilus* Fischer von Waldheim, 1820].

**Subfamily PYROCHROINAE Latreille, 1806**

PYROCHROIDES Latreille, 1806: 199 [stem: *Pyrochro-*]. Type genus: *Pyrochroa* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].  
 ANTHOMANISIDAE Gistel, 1848: [11] [stem: *Anthoman-*]. Type genus: *Anthomanes* Gistel, 1848 [syn. of *Pyrochroa* Geoffroy, 1762]. Comment: incorrect original stem formation, not in prevailing usage.

**Subfamily AGNATHINAE Lacordaire, 1859**

AGNATHIDES Lacordaire, 1859: 531 [stem: *Agnath-*]. Type genus: *Agnathus* Germar, 1818. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1875 [Gatt.]: 100, as AGNATHINI), generally accepted as in Young (2002: 542, as AGNATHINAE).  
 CONONOTINI J. L. LeConte, 1862: 256 [stem: *Cononot-*]. Type genus: *Cononotus* J. L. LeConte, 1851.

**Family SALPINGIDAE Leach, 1815**

SALPINGIDES Leach, 1815: 106 [stem: *Salping-*]. Type genus: *Salpingus* Illiger, 1802.

**Subfamily OTHNIINAE LeConte, 1861**

OTHNIIDAE J. L. LeConte, 1861: 102 [stem: *Othni-*]. Type genus: *Othnius* J. L. LeConte, 1861 [syn. of *Elacatis* Pascoe, 1860].  
 ELACATIDAE Cockerell, 1906: 242 [stem: *Elacat-*]. Type genus: *Elacatis* Pascoe, 1860. Comment: junior homonym of ELACATINAE Gill, 1861 (type genus *Elacate* Cuvier, 1831) proposed in Pisces; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

**Subfamily PROSTOMINIINAE Grouvelle, 1914**

PROSTOMININI Grouvelle, 1914: 152 [stem: *Prostomini-*]. Type genus: *Prostominia* Reitter, 1889. Comment: incorrect original stem formation, not in prevailing usage.

\*TROGOCRYPTINAE Crowson, 1953: 51 [stem: *Trogocrypt-*]. Type genus: *Trogocryptus* Sharp, 1900. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); this name has been used subsequently, e.g., Lawrence (1977: 43, 1980: 307), Lawrence and Newton (1995: 900), but it has not been made available.

### **Subfamily AGLENINAE Horn, 1878**

AGLENI G. H. Horn, 1878: 573 [stem: *Aglen-*]. Type genus: *Aglenus* Erichson, 1845.

### **Subfamily INOPEPLINAE Grouvelle, 1908**

INOPEPLINI Grouvelle, 1908: 459, in key [stem: *Inopepl-*]. Type genus: *Inopeplus* F. Smith, 1851.

### **Subfamily DACODERINAE LeConte, 1862**

DACODERINI J. L. LeConte, 1862: 216 [stem: *Dacoder-*]. Type genus: *Dacoderus* J. L. LeConte, 1858.

TRETOTHORACIDAE Lea, 1910: 210 [stem: *Tretothorac-*]. Type genus: *Tretothorax* Lea, 1910.

### **Subfamily AEGIALITINAE LeConte, 1862**

AEGIALITIDAE J. L. LeConte, 1862: 241 [stem: *Aegialit-*]. Type genus: *Aegialites* Mannerheim, 1853.

EURYSTETHIDAE Seidlitz, 1916: 127 [stem: *Eurysteth-*]. Type genus: *Eurystethes* Seidlitz, 1916 [syn. of *Aegialites* Mannerheim, 1853].

### **Subfamily SALPINGINAE Leach, 1815**

SALPINGIDES Leach, 1815: 106 [stem: *Salping-*]. Type genus: *Salpingus* Illiger, 1802.

\*RHINOSIMITES Solier, 1834: 496 [stem: *Rhinosim-*]. Type genus: *Rhinosimus* Latreille, 1802. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Solier (1834).

RHINOSIMIDAE Hope, 1840a: 134 [stem: *Rhinosim-*]. Type genus: *Rhinosimus* Latreille, 1802.

LISSODEMINA Seidlitz, 1917b: 422 [stem: *Lissodem-*]. Type genus: *Lissodema* Curtis, 1833.

ISTRISIINI Nikitsky, 1992: 483, in key [stem: *Istrisi-*]. Type genus: *Istrisia* Lewis, 1895.

### **Family ANTHICIDAE Latreille, 1819**

ANTHICITES Latreille, 1819: 363 [stem: *Anthic-*]. Type genus: *Anthicus* Paykull, 1798.

### **Subfamily EURYGENIINAE LeConte, 1862**

EURYGENII J. L. LeConte, 1862: 264 [stem: *Eurygeni-*]. Type genus: *Eurygenius* LaFerté-Sénectère, 1849.

**Tribe EURYGENIINI LeConte, 1862**

EURYGENII J. L. LeConte, 1862: 264 [stem: *Eurygeni*]. Type genus: *Eurygenius* LaFerté-Sénectère, 1849.

**Tribe ICTISTYGNINI Borchmann, 1936**

ICTISTYGNINAE Borchmann, 1936: 534 [stem: *Ictistygn*]. Type genus: *Ictistygna* Pascoe, 1866.

**Tribe MITRAELABRINI Abdullah, 1969**

MITRAELABRINI M. Abdullah, 1969a: 350 [stem: *Mitraelabr*]. Type genus: *Mitraelabrus* Solier, 1851.

**Subfamily MACRATRIINAE LeConte, 1862**

MACRATRIINI J. L. LeConte, 1862: 265 [stem: *Macratri*]. Type genus: *Macratria* Newman, 1838.

**Tribe MACRATRIINI LeConte, 1862**

MACRATRIINI J. L. LeConte, 1862: 265 [stem: *Macratri*]. Type genus: *Macratria* Newman, 1838.

**†Tribe CAMELOMORPHINI Kirejtshuk and Azar, 2008**

CAMELOMORPHINI Kirejtshuk and Azar, 2008: 40 [stem: *Camelomorph*]. Type genus: *Camelomorpha* Kirejtshuk and Azar, 2008.

**Subfamily STEROPINAE Jacquelin du Val, 1863**

STÉROPITES Jacquelin du Val, 1863: 365 [stem: *Sterop*]. Type genus: *Steropes* Steven, 1806. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jakobson (1915: 1022, as STEROPINA), generally accepted as in Lawrence and Newton (1995: 901, as STEROPINAE); the older name STEROPINAE Dana, 1854 is available in copepods (type genus *Sterope* Goodsir, 1845) although it was recently treated as a *nomen oblitum* by Huys (2009: 28); this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

**Subfamily COPOBAENINAE Abdullah, 1969**

COPOBAENINAE M. Abdullah, 1969a: 334 [stem: *Copobaen*]. Type genus: *Copobaenus* Fairmaire and Germain, 1863.

**Subfamily LEMODINAE Lawrence and Britton, 1991**

\*LEMODINAE Lawrence, 1977: 43 [stem: *Lemod*]. Type genus: *Lemodes* Boheman, 1858. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

LEMODINAE Lawrence and Britton, 1991: 603, in key [stem: *Lemod*]. Type genus: *Lemodes* Boheman, 1858.



**Subfamily TOMODERINAE Bonadona, 1961**

TOMODERINI Bonadona, 1961: 11 [stem: *Tomoder-*]. Type genus: *Tomoderus* LaFerté-Sénectère, 1849.

**Subfamily ANTHICINAE Latreille, 1819**

ANTHICITES Latreille, 1819: 363 [stem: *Anthic-*]. Type genus: *Anthicus* Paykull, 1798.

**Tribe ANTHICINI Latreille, 1819**

ANTHICITES Latreille, 1819: 363 [stem: *Anthic-*]. Type genus: *Anthicus* Paykull, 1798.

**Tribe ENDOMIINI Kaszab, 1956**

ENDOMIINI Kaszab, 1956: 45, in key [stem: *Endomi-*]. Type genus: *Endomia* Laporte, 1840.

**Tribe FORMICOMINI Bonadona, 1974**

FORMICOMINI Bonadona, 1974: 110, in key [stem: *Formicom-*]. Type genus: *Formicomus* LaFerté-Sénectère, 1849.

**Tribe MICROHORIINI Bonadona, 1974**

MICROHORINI Bonadona, 1974: 110, in key [stem: *Microhori-*]. Type genus: *Microhoria* Chevrolat, 1877. Comment: incorrect original stem formation, not in prevailing usage.

LIPARODERINI Bonadona, 1990: 20 [stem: *Liparoder-*]. Type genus: *Liparoderus* LaFerté-Sénectère, 1849.

**Subfamily NOTOXINAE Stephens, 1829**

NOTOXIDAE Stephens, 1829b: 254 [stem: *Notox-*]. Type genus: *Notoxus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: an application needs to be submitted to the Commission to suppress NOTOXII Sturm, 1826 (based on the misidentified type genus *Notoxus* sensu Fabricius, 1775) for the Principles of Priority and Homonymy (Art. 65.2.1) to conserve this name as valid.

**Family ADERIDAE Csiki, 1909**

ADERIDAE Csiki, 1909a: 6 [stem: *Ader-*]. Type genus: *Aderus* Stephens, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1989e)]. Comment: name given precedence over EUGLENESIDAE Seidlitz, 1875 (ICZN 1989e).

†CIRCAEIDAE Iablokoff-Khnzorian, 1961: 209 [stem: *Circae-*]. Type genus: *Circaeus* Iablokoff-Khnzorian, 1961.

**Tribe ADERINI Csiki, 1909**

ADERIDAE Csiki, 1909a: 6 [stem: *Ader-*]. Type genus: *Aderus* Stephens, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1989e)].

Comment: name given precedence over EUGLENESIDAE Seidlitz, 1875 and placed on the Official List of Family-Group Names in Zoology (ICZN 1989e, as ADERIDAE A. Winkler (1927)).

### **Subtribe ADERINA Csiki, 1909**

XYLOPHILIDAE Shuckard, 1839b: 47 [stem: *Xylophil-*]. Type genus: *Xylophilus* Latreille, 1825 [preoccupied genus name, not *Xylophilus* Mannerheim, 1823 [Coleoptera: EUCNEMIDAE]; syn. of *Aderus* Stephen, 1829]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

HYLOPHILIDAE Pic, 1900: 754 [stem: *Hylophil-*]. Type genus: *Hylophilus* Berthold, 1827 [preoccupied genus name, not *Hylophilus* Temminck, 1822 [Aves]; syn. of *Aderus* Stephens, 1829]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ADERIDAE Csiki, 1909a: 6 [stem: *Ader-*]. Type genus: *Aderus* Stephens, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1989e)]. Comment: placed on the Official List of Family-Group Names in Zoology (ICZN 1989e, as ADERIDAE A. Winkler (1927)).

### **Subtribe CNOPINA Báguena Corella, 1948**

CNOPINA Báguena Corella, 1948: 57 [stem: *Cnop-*]. Type genus: *Cnopus* Champion, 1893.

### **Subtribe GOMPELIINA Bouchard, 2011**

OLOTELINA Báguena Corella, 1948: 58 [stem: *Olotel-*]. Type genus: *Olotelus* Mulsant and Rey, 1866 [preoccupied genus name, not *Olotelus* Solier, 1851 [Coleoptera: ELATERIDAE]; syn. of *Gompelia* Alonso-Zarazaga, 2010]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

GOMPELIINA Bouchard, 2011 **nom. nov.** [stem: *Gompeli-*]. Type genus: *Gompelia* Alonso-Zarazaga, 2010. Comment: replacement name for OLOTELINA Báguena Corella, 1948 because of the homonymy of the type genus.

### **Subtribe SYZETONININA Báguena Corella, 1948**

SYZETONININI Báguena Corella, 1948: 41 [stem: *Syzetonin-*]. Type genus: *Syzetoninus* Blackburn, 1891.

### **Tribe EMELININI Báguena Corella, 1948**

EMELININI Báguena Corella, 1948: 36 [stem: *Emelin-*]. Type genus: *Emelinus* Casey, 1895.

### **Tribe EUGLENESINI Seidlitz, 1875**

EUGLENINI Seidlitz, 1875 [Gatt.]: 106 [stem: *Euglenes-*]. Type genus: *Euglenes* Westwood, 1830 [placed on the Official List of Generic Names in Zoology (ICZN 1989e)].

**Subtribe EUGLENESINA Seidlitz, 1875**

EUGLENINI Seidlitz, 1875 [Gatt.]: 106 [stem: *Euglenes*–]. Type genus: *Euglenes* Westwood, 1830 [placed on the Official List of Generic Names in Zoology (ICZN 1989e)]. Comment: the younger name ADERIDAE Csiki, 1909 (listed as ADERIDAE A. Winkler, 1927) was given precedence for the family name, *Euglenes*– was ruled to be the correct stem of this family-group name and EUGLENESIDAE Seidlitz, 1875 was placed on the Official List of Family-Group Names in Zoology (ICZN 1989e); EUGLENIDAE Seidlitz, 1875 was placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1989e).

**Subtribe PSEUDOLOTELINA Báguena Corella, 1948**

PSEUDOLOTELINA Báguena Corella, 1948: 40 [stem: *Pseudolotel*–]. Type genus: *Pseudolotelus* Pic, 1901.

**Tribe PHYTOBAENINI Báguena Corella, 1948**

PHYTOBAENINI Báguena Corella, 1948: 30 [stem: *Phytobaen*–]. Type genus: *Phytobaenus* Sahlberg, 1834.

**Family SCRAPTIIDAE Gistel, 1848**

SCRAPTIAEIDAE Gistel, 1848: [11] [stem: *Scrapti*–]. Type genus: *Scraptia* Latreille, 1807.

**Subfamily SCRAPTIIINAE Gistel, 1848**

SCRAPTIAEIDAE Gistel, 1848: [11] [stem: *Scrapti*–]. Type genus: *Scraptia* Latreille, 1807.  
Comment: incorrect original stem formation, not in prevailing usage.

**Tribe ALLOPODINI Franciscolo, 1964**

ALLOPODINI Franciscolo, 1964: 176 [stem: *Allopod*–]. Type genus: *Allopada* J. L. LeConte, 1866.

**Tribe SCRAPTIIINI Gistel, 1848**

SCRAPTIAEIDAE Gistel, 1848: [11] [stem: *Scrapti*–]. Type genus: *Scraptia* Latreille, 1807. Comment: family-group name previously attributed to Mulsant (1856)/Gistel (1856); incorrect original stem formation, not in prevailing usage.

**Subfamily ANASPIDINAE Mulsant, 1856**

ANASPIENS Mulsant, 1856c: 85 [stem: *Anaspid*–]. Type genus: *Anaspis* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)].

**Tribe ANASPIDINI Mulsant, 1856**

ANASPIENS Mulsant, 1856c: 85 [stem: *Anaspid*–]. Type genus: *Anaspis* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)]. Comment: original vernacular name available (Art. 11.7.2): first used

in latinized form by C. G. Thomson (1859: 121, as ANASPINA [incorrect stem formation]), generally accepted as in Lawrence and Newton (1995: 903, as ANASPIDINAE); incorrect original stem formation, not in prevailing usage.

**Tribe ANASPIMORDINI Franciscolo, 1954**

ANASPIMORDINI Franciscolo, 1954: 65, in key [stem: *Anaspimord-*]. Type genus: *Anaspimorda* Ermisch, 1950.

**Tribe MENUTHIANASPIDINI Franciscolo, 1972**

\*CYRTOSCRAPTIINI Franciscolo, 1964: 176 [stem: *Cyrtoscrapti-*]. Type genus: *Cyrtoscraptia* Franciscolo, 1964 [unavailable genus name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); syn. of *Menuthianaspis* Franciscolo, 1972]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), based on unavailable type genus (Art. 12.2.4).

MENUTHIANASPIDINI Franciscolo, 1972: 123 [stem: *Menuthianaspid-*]. Type genus: *Menuthianaspis* Franciscolo, 1972.

**Tribe PENTARIINI Franciscolo, 1954**

PENTARIINI Franciscolo, 1954: 64, in key [stem: *Pentari-*]. Type genus: *Pentaria* Mulsant, 1856.

**Subfamily LAGRIOIDINAE Abdullah and Abdullah, 1968**

LAGRIOIDINI M. Abdullah and A. Abdullah, 1968: 73 [stem: *Lagrioid-*]. Type genus: *Lagrioida* Fairmaire and Germain, 1860.

**Subfamily AFREMINAE Levey, 1985**

AFREMINAE Levey, 1985: 420 [stem: *Afrem-*]. Type genus: *Afremus* Levey, 1985.

**Subfamily ISCHALIINAE Blair, 1920**

ISCHALIINAE Blair, 1920: 134 [stem: *Ischali-*]. Type genus: *Ischalia* Pascoe, 1860.

**Superfamily CHRYSOMELOIDEA Latreille, 1802**

CHRYSOMELINAE Latreille, 1802: 220 [stem: *Chrysomel-*]. Type genus: *Chrysomela* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1984c)]. Comment: Švácha and Danilevsky (1987: 17) recognized VESPERINAE, OXYPELTINAE and DISTENIINAE at the family level, and later Švácha et al. (1997: 361) placed ANOPLODERMATINAE and PHILINAE as subfamilies of VESPERIDAE; although the classification is based primarily on larval characters, it is also supported by adult features, as pointed out by Švácha et al. (1997), as well as by some earlier workers, e.g., Gahan (1906), Linsley (1961), Crowson (1981), Saito (1990); this classification will also be used in the upcoming volume 3 of the "Handbook of

Zoology: Coleoptera, beetles” series; First Reviser (CHRYSOELOIDEA Latreille, 1802 vs MEGALOPODOIDEA Latreille, 1802 vs CERAMBYCOIDEA Latreille, 1802) not determined, current usage maintained.

### **Family OXYPELTIDAE Lacordaire, 1868**

OXYPELTIDES Lacordaire, 1868: 461 [stem: *Oxypelt-*]. Type genus: *Oxypeltus* Blanchard, 1851. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 254, as OXYPELTINI).

\*CHELODERIDOS Germain, 1900: 86 [stem: *Cheloder-*]. Type genus: *Cheloderus* Gray, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

### **Family VESPERIDAE Mulsant, 1839**

VESPÉRAIRES Mulsant, 1839: 214 [stem: *Vesper-*]. Type genus: *Vesperus* Dejean, 1821.

#### **Subfamily PHILINAE Thomson, 1861**

PHILITAE J. Thomson, 1861: 297 [stem: *Phil-*]. Type genus: *Philus* Saunders, 1853.

#### **Subfamily VESPERINAE Mulsant, 1839**

VESPÉRAIRES Mulsant, 1839: 214 [stem: *Vesper-*]. Type genus: *Vesperus* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 240, as VESPERINI), generally accepted as in Villiers (1978: 67, as VESPERINI).

#### **Subfamily ANOPLODERMATINAE Guérin-Ménéville, 1840**

ANOPLODERMIENS Guérin-Ménéville, 1840: 276 [stem: *Anoplodermat-*]. Type genus: *Anoploderma* Guérin-Ménéville, 1840.

#### **Tribe ANOPLODERMATINI Guérin-Ménéville, 1840**

ANOPLODERMIENS Guérin-Ménéville, 1840: 276 [stem: *Anoplodermat-*]. Type genus: *Anoploderma* Guérin-Ménéville, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1861: 277, as ANOPLODERMITAE [incorrect stem formation]), generally accepted as in Monné (1994c: 9, as ANOPLODERMATINAE); incorrect original stem formation, not in prevailing usage.

CHERROCRIINAE Prosen, 1960: 90 [stem: *Cherrocricri-*]. Type genus: *Cherrocricus* Berg, 1898.

#### **Tribe HYPOCEPHALINI Blanchard, 1845**

HYPOCÉPHALIENS Blanchard, 1845b: 135 [stem: *Hypocephal-*]. Type genus: *Hypocephalus* Desmarest, 1832. Comment: original vernacular name available

(Art. 11.7.2): first used in latinized form by Imhoff (1856 [2]: 170, as HYPOCEPHALIDAE), generally accepted as in Lameere (1913: 94, as HYPOCEPHALI).

### **Tribe MYSTERIINI Prosen, 1960**

MYSTERINAE Prosen, 1960: 90 [stem: *Mysteri-*]. Type genus: *Mysteria* J. Thomson, 1860. Comment: incorrect original stem formation, not in prevailing usage.

### **Family DISTENIIDAE Thomson, 1861**

DISTENITAE J. Thomson, 1861: 181 [stem: *Disteni-*]. Type genus: *Distenia* Lepeletier and Audinet-Serville, 1828.

### **Tribe CYRTONOPINI Gressitt, 1940**

CYRTONOPINI Gressitt, 1940: 27 [stem: *Cyrtonop-*]. Type genus: *Cyrtonops* A. White, 1853.

### **Tribe DISTENIINI Thomson, 1861**

\*COMÉTITES Blanchard, 1845b: 163 [stem: *Comet-*]. Type genus: *Cometes* Lepeletier and Audinet-Serville, 1828. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; Monné and Santos-Silva (2008: 261) considered this name a *nomen oblitum*, this action was unnecessary since COMÉTITES Blanchard is not an available name.

DISTENITAE J. Thomson, 1861: 181 [stem: *Disteni-*]. Type genus: *Distenia* Lepeletier and Audinet-Serville, 1828. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe DYNAMOSTINI Lacordaire, 1868**

DYNAMOSTIDES Lacordaire, 1868: 196 [stem: *Dynamost-*]. Type genus: *Dynamostes* Pascoe, 1857. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 238, as DYNAMOSTINI), generally accepted as in Santos-Silva and Martins (2004: 145, as DYNAMOSTINI).

### **Tribe HETEROPALPINI Villiers, 1961**

HETEROPALPINI Villiers, 1961: 385, in key [stem: *Heteropalp-*]. Type genus: *Heteropalpus* Buquet, 1843.

### **Family CERAMBYCIDAE Latreille, 1802**

CERAMBICINI Latreille, 1802: 211 [stem: *Cerambyc-*]. Type genus: *Cerambyx* Linnaeus, 1758. Comment: First Reviser (CERAMBYCIDAE Latreille, 1802 vs PRIONIDAE Latreille, 1802 vs LEPTURIDAE Latreille, 1802) not determined, current usage maintained.



### Subfamily PARANDRINAE Blanchard, 1845

PARANDRIDES Blanchard, 1845b: 134 [stem: *Parandr-*]. Type genus: *Parandra* Latreille, 1802.

#### Tribe ERICHSONIINI Thomson, 1861

ERICHSONITAE J. Thomson, 1861: 274 [stem: *Erichsoni-*]. Type genus: *Erichsonia* Westwood, 1849. Comment: incorrect original stem formation, not in prevailing usage.

#### Tribe PARANDRINI Blanchard, 1845

PARANDRIDES Blanchard, 1845b: 134 [stem: *Parandr-*]. Type genus: *Parandra* Latreille, 1802. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gistel (1848: [8], as PARANDRAEIDAE [incorrect stem formation]), generally accepted as in Lameere (1913: 4, as PARANDRAE).

### Subfamily PRIONINAE Latreille, 1802

PRIONII Latreille, 1802: 212 [stem: *Prion-*]. Type genus: *Prionus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

#### Tribe ACANTHOPHORINI Thomson, 1864

ACANTHOPHORITAE J. Thomson, 1864: 289 [stem: *Acanthophor-*]. Type genus: *Acanthophorus* Audinet-Serville, 1832.

#### Tribe AEGOSOMATINI Thomson, 1861

AEGOSOMITAE J. Thomson, 1861: 308 [stem: *Aegosomat-*]. Type genus: *Aegosoma* Audinet-Serville, 1832. Comment: incorrect original stem formation, not in prevailing usage.

\*CATYPNIDES Lacordaire, 1868: 62 [stem: *Catypn-*]. Type genus: *Catypnes* Pascoe, 1864. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

JAMWONINAE Kolbe, 1897: 294 [stem: *Jamwon-*]. Type genus: *Jamwonus* Harold, 1879.

MEGOPIDES Lameere, 1912: 181 [stem: *Megopid-*]. Type genus: *Megopis* Audinet-Serville, 1832. Comment: incorrect original stem formation, not in prevailing usage.

#### Tribe ANACOLINI Thomson, 1857

ANACOLITES J. Thomson, 1857b: 10 [stem: *Anacol-*]. Type genus: *Anacolus* Berthold, 1827. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1861: 302, as ANACOLITAE), generally accepted as in Galileo (1987: 482, as ANACOLINI).

\*POECILOSOMIDES Lacordaire, 1868: 185 [stem: *Poekilosomat-*]. Type genus: *Poekilosoma* Audinet-Serville, 1832 [as *Poecilosoma*, unjustified emendation of

type genus name by Agassiz (1846b: 301), not in prevailing usage; unjustified emendation also junior homonym of *Poecilosoma* Hübner, 1819]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1868); incorrect original stem formation, not in prevailing usage.

POECILOSONI H. W. Bates, 1869: 49 [stem: *Poekilosomat-*]. Type genus: *Poekilosoma* Audinet-Serville, 1832 [as *Poecilosoma*, unjustified emendation of type genus name by Agassiz (1846b: 301), not in prevailing usage; unjustified emendation also junior homonym of *Poecilosoma* Hübner, 1819]. Comment: incorrect original stem formation, not in prevailing usage.

ERYTHRAENINAE H. W. Bates, 1875: 52 [stem: *Erythraen-*]. Type genus: *Erythraenus* H. W. Bates, 1875.

\*SOBARINES Lameere, 1901: 320 [stem: *Sobar-*]. Type genus: *Sobarus* Harold, 1879 [preoccupied genus name, not *Sobarus* Loew, 1855 [Diptera]; a replacement name is needed]. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

\*DÉLOCHILIENS Lameere, 1912: 57 [stem: *Delocheil-*]. Type genus: *Delocheilus* J. Thomson, 1860 [as *Delochilus*, unjustified emendation of type genus name by Gemminger (1872: 2777), not in prevailing usage]. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

SOBARI Lameere, 1913: 85 [stem: *Sobar-*]. Type genus: *Sobarus* Harold, 1879 [preoccupied genus name, not *Sobarus* Loew, 1855 [Diptera]; a replacement name is needed]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

DELOCHILI Lameere, 1913: 85 [stem: *Delocheil-*]. Type genus: *Delocheilus* J. Thomson, 1860 [as *Delochilus*, unjustified emendation of type genus name by Gemminger and Harold (1872), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

### Tribe CACOSCELINI Thomson, 1861

\*NOTOPHYSITES Blanchard, 1845b: 138 [stem: *Notophyse-*]. Type genus: *Notophysis* Audinet-Serville, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1845b); incorrect original stem formation, not in prevailing usage.

CACOSCELITAE J. Thomson, 1861: 325 [stem: *Cacoscel-*]. Type genus: *Cacosceles* Newman, 1838.

COLPODÉRIDES Lacordaire, 1868: 133 [stem: *Colpoder-*]. Type genus: *Colpoderus* Audinet-Serville, 1832 [syn. of *Notophysis* Audinet-Serville, 1832]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Pascoe (1869b: 673, as COLPODERINAE); this name was incorrectly credited to Pascoe, 1869 by Bousquet et al. (2009: 115).

NOTHOPHYSINI Lameere, 1903a: 4, in key [stem: *Notophyse-*]. Type genus: *Notophysis* Audinet-Serville, 1832 [as *Nothophysis*, unjustified emendation of type

genus name by Scudder (1882: 226), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe CALLIPOGONINI Thomson, 1861**

CALLIPOGONITAE J. Thomson, 1861: 323 [stem: *Callipogon*-]. Type genus: *Callipogon* Audinet-Serville, 1832.

ANACANTHITAE J. Thomson, 1864: 285 [stem: *Anacanth*-]. Type genus: *Anacanthus* Audinet-Serville, 1832 [preoccupied genus name, not *Anacanthus* Gray, 1831 [Pisces]; syn. of *Chorenta* Gistel, 1848]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ENOPLOCERITAE J. Thomson, 1864: 290 [stem: *Enoplocer*-]. Type genus: *Enoplocerus* Audinet-Serville, 1832.

ORTHOMEGITAE J. Thomson, 1864: 294 [stem: *Orthomegal*-]. Type genus: *Orthomegas* Audinet-Serville, 1832. Comment: incorrect original stem formation, not in prevailing usage.

CTENOSCELITAE J. Thomson, 1864: 295 [stem: *Ctenoscelid*-]. Type genus: *Ctenoscelis* Audinet-Serville, 1832. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe CALOCOMINI Galileo and Martins, 1993**

CALOCOMINI Galileo and Martins, 1993: 81 [stem: *Calocom*-]. Type genus: *Calocomus* Audinet-Serville, 1832.

### **Tribe CANTHAROCNEMINI Thomson, 1861**

CANTHAROCNEMITAE J. Thomson, 1861: 274 [stem: *Cantharocnem*-]. Type genus: *Cantharocnemis* Audinet-Serville, 1832. Comment: current spelling maintained (Art. 29.3.1.1): incorrect original stem formation in prevailing usage (should be *Cantharocnemid*-).

\*SCÉLÉOCANTHIDES Lacordaire, 1868: 34 [stem: *Sceleocanth*-]. Type genus: *Sceleocantha* Newman, 1840. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 236, as SCELEOCANTHINI), but not generally accepted as valid.

### **Tribe ERGATINI Fairmaire, 1864**

ERGATITES Fairmaire, 1864: 117 [stem: *Ergat*-]. Type genus: *Ergates* Audinet-Serville, 1832. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1873: 286, as ERGATINI), generally accepted as in Linsley (1962: 24, as ERGATINI).

### **Tribe EURYPODINI Gahan, 1906 (1868)**

ZARACIDES Lacordaire, 1868: 131 [stem: *Zarac*-]. Type genus: *Zarax* Pascoe, 1867 [syn. of *Eurypoda* W. Saunders, 1853]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in

Pascoe (1869b: 672, as ZARACINAE); usage of the younger name EURYPODINI Gahan, 1906 conserved over this name (Art. 40.2).

EURYPODINI Gahan, 1906: 27 [stem: *Eurypod-*]. Type genus: *Eurypoda* W. Saunders, 1853. Comment: name proposed to replace ZARACINI Lacordaire, 1868 because of the synonymy of the type genus; use of family-group name conserved over ZARACINI Lacordaire, 1868 (Art. 40.2); also see comments under EURYPINAE Thomson, 1860 in MYCTERIDAE.

### **Tribe HOPLIDERINI Thomson, 1864**

HOPLIDERITAE J. Thomson, 1864: 290 [stem: *Hoplider-*]. Type genus: *Hoplideres* Audinet-Serville, 1832.

### **Tribe MACRODONTIINI Thomson, 1861**

MACRODONTITAE J. Thomson, 1861: 324 [stem: *Macrodonti-*]. Type genus: *Macrodontia* Lacordaire, 1830. Comment: incorrect original stem formation, not in prevailing usage.

ACANTHINODERITAE J. Thomson, 1864: 294 [stem: *Acanthinoder-*]. Type genus: *Acanthinodera* Hope, 1833.

\*ANCISTROTIDES Lacordaire, 1868: 81 [stem: *Ancistrot-*]. Type genus: *Ancistrotus* Audinet-Serville, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1868).

\*ACALODEGMITES J. Thomson, 1877: 261 [stem: *Acalodegm-*]. Type genus: *Acalodegma* Thomson, 1877. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

ANCISTROTINI Lameere, 1919: 90 [stem: *Ancistrot-*]. Type genus: *Ancistrotus* Audinet-Serville, 1832.

### **Tribe MACROTOMINI Thomson, 1861**

MACROTOMITAE J. Thomson, 1861: 312 [stem: *Macrotom-*]. Type genus: *Macrotoma* Audinet-Serville, 1832.

### **Subtribe ARCHETYPINA Lameere, 1912**

ARCHETYPINI Lameere, 1912: 180 [stem: *Archetyp-*]. Type genus: *Archetypus* J. Thomson, 1861.

### **Subtribe BASITOXINA Lameere, 1912**

\*MÉCOSARTHRINES Lameere, 1903b: 307 [stem: *Mecosarthr-*]. Type genus: *Mecosarthron* Buquet, 1840. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

BASITOXI Lameere, 1912: 180 [stem: *Basitox-*]. Type genus: *Basitoxus* Audinet-Serville, 1832.

MECOSARTHINI Melzer, 1919: 35 [stem: *Mecosarthr-*]. Type genus: *Mecosarthron* Buquet, 1840.

### **Subtribe MACROTOMINA Thomson, 1861**

MACROTOMITAE J. Thomson, 1861: 312 [stem: *Macrotom-*]. Type genus: *Macrotoma* Audinet-Serville, 1832 [*Macrotoma* Audinet-Serville, 1832 [July] is a junior homonym of *Macrotoma* Laporte, 1832 [April], which is a synonym of *Longina* Wiedemann, 1830 in Diptera; Heffern et al. (2006) applied the Reversal of Precedence (Art. 23.9) to qualify *Macrotoma* Audinet-Serville as *nomen protectum*].

\*AULACOPIDES Lacordaire, 1868: 101 [stem: *Aulacopod-*]. Type genus: *Aulacopus* Audinet-Serville, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1868); incorrect original stem formation, not in prevailing usage.

AULACOPINAE Kolbe, 1897: 295 [stem: *Aulacopod-*]. Type genus: *Aulacopus* Audinet-Serville, 1832. Comment: incorrect original stem formation, not in prevailing usage.

\*CNÉMOPLITIENS Lameere, 1904: 1 [stem: *Cnemoplit-*]. Type genus: *Cnemoplites* Newman, 1842. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

CNEMOPLITINAE Schröder, 1905: vii [stem: *Cnemoplit-*]. Type genus: *Cnemoplites* Newman, 1842. Comment: see Bousquet et al. (2009: 17) for comments about the authorship of this name.

PRINOBIINI Vives, 2000: 84 [stem: *Prinobi-*]. Type genus: *Prinobius* Mulsant, 1842. Comment: replacement name for MACROTOMINI Thomson, 1861 because of the homonymy of the type genus.

### **Subtribe PLATYGNATHINA Gilmour, 1954**

PLATYGNATHINA Gilmour, 1954: 33 [stem: *Platygnath-*]. Type genus: *Platygnathus* Audinet-Serville, 1832. Comment: as pointed out by Bousquet et al. (2009: 18) Gilmour (1954: 33) did not provide a description of his new taxon but his new name is available because it was used as valid before 2000, e.g., Ferreira and Veiga Ferreira (1959a: 34, as "PLATYGNATHINA Gilmour, 1954") and was not rejected by an author who, after 1960 and before 2000, expressly applied Article 13 of the then current editions of the Code (Article 13.2.1).

PLATYGNATHINI Quentin and Villiers, 1975: 25 [stem: *Platygnath-*]. Type genus: *Platygnathus* Audinet-Serville, 1832. Comment: family-group name proposed as new without reference to PLATYGNATHINA Gilmour, 1954.



**Subtribe XIXUTHRINA Lameere, 1912**

XIXUTHRI Lameere, 1912: 181 [stem: *Xixuthr-*]. Type genus: *Xixuthrus* J. Thomson, 1864.

**Tribe MALLASPINI Thomson, 1861**

MALLASPITAE J. Thomson, 1861: 302 [stem: *Mallasp-*]. Type genus: *Mallaspis* Audinet-Serville, 1832. Comment: current spelling maintained (Art. 29.3.1.1): incorrect original stem formation in prevailing usage (should be *Mallaspid-*).

\*PYRODIDES Lacordaire, 1868: 174 [stem: *Pyrod-*]. Type genus: *Pyrodes* Audinet-Serville, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1868).

PYRODINI Harold, 1879: 165 [stem: *Pyrod-*]. Type genus: *Pyrodes* Audinet-Serville, 1832.

**Tribe MALLODONINI Thomson, 1861**

MALLODONITAE J. Thomson, 1861: 318 [stem: *Mallodon-*]. Type genus: *Mallodon* Lacordaire, 1830. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Mallodont-*); we treat this group as a valid tribe as in Drumont and Komiya (2010: 91).

\*STÉNODONTINES Lameere, 1902: 66 [stem: *Stenodont-*]. Type genus: *Stenodontes* Audinet-Serville, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

STENODONTINI Lameere, 1903a: 54 [stem: *Stenodont-*]. Type genus: *Stenodontes* Audinet-Serville, 1832. Comment: homonym of STENODONTINA Schmiedeknecht, 1903 (type genus *Stenodontus* Berthoumieu, 1897) in Hymenoptera; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

**Tribe MEROSCELISINI Thomson, 1861**

MEROSCELISITAE J. Thomson, 1861: 299 [stem: *Meroscelis-*]. Type genus: *Meroscelisus* Audinet-Serville, 1832.

\*TRAGOSOMITES Fairmaire, 1864: 119 [stem: *Tragosomat-*]. Type genus: *Tragosoma* Audinet-Serville, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Fairmaire (1864); incorrect original stem formation, not in prevailing usage.

TRAGOSOMITAE J. Thomson, 1864: 286 [stem: *Tragosomat-*]. Type genus: *Tragosoma* Audinet-Serville, 1832. Comment: incorrect original stem formation, not in prevailing usage.

CLOSTÉRIDES Lacordaire, 1868: 149 [stem: *Closter-*]. Type genus: *Closterus* Audinet-Serville, 1832. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 676, as CLOSTERINAE), generally accepted as in Lameere (1913: 81, as CLOSTERI).

\*MONODESMIDES Lacordaire, 1868: 157 [stem: *Monodesm-*]. Type genus: *Monodesmus* Audinet-Serville, 1832. Comment: original vernacular name unavail-



able (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1868).

MONODESMINAE Gahan, 1890: 299 [stem: *Monodesm-*]. Type genus: *Monodesmus* Audinet-Serville, 1832.

LULUINA Gilmour, 1956: 222 [stem: *Lulu-*]. Type genus: *Lulua* Burgeon, 1931.

### Tribe PRIONINI Latreille, 1802

PRIONII Latreille, 1802: 212 [stem: *Prion-*]. Type genus: *Prionus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

\*PRIOCERIA Rafinesque, 1815: 116 [stem: *Priocerat-*]. Type genus: *Prioceras* Rafinesque, 1815 [as pointed out by Bousquet et al. (2009: 19) Rafinesque (1815: 116) listed the genus “*Prioceras* R. sp. do.” following the genus “*Prionus* Fabr.” in his subfamily PRIOCERIA, the abbreviations after the genus name *Prioceras* mean that this is a new genus by the author “R[afinesque].” and that the new genus includes some species that were included in *Prionus* previously “sp. do.”; Rafinesque did not list which species he included in his new genus *Prioceras* and we are not aware of any subsequent validation of this name; *Prioceras* Rafinesque is also listed as a *nomen nudum* in Neave (1940: 889) and Sherborn (1929: 5148)]. Comment: family-group name unavailable (Art. 11.7.1.1): not based on an available genus name at the time; incorrect original stem formation, not in prevailing usage.

\*CYRTOGNATHITES Blanchard, 1845b: 138 [stem: *Cyrtognath-*]. Type genus: *Cyrtognathus* Faldermann, 1835 [subgenus of *Dorysthenes* Vigors, 1826]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1845b).

\*PSALIDOGNATHITES Blanchard, 1845b: 138 [stem: *Psalidognath-*]. Type genus: *Psalidognathus* Gray, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1845b).

CYRTHOGNATHITAE J. Thomson, 1861: 328 [stem: *Cyrtognath-*]. Type genus: *Cyrtognathus* Faldermann, 1835 [as *Cyrthognathus*, incorrect subsequent spelling of type genus name, not in prevailing usage; subgenus of *Dorysthenes* Vigors, 1826]. Comment: incorrect original stem formation, not in prevailing usage.

PSALIDOGNATHITAE J. Thomson, 1861: 331 [stem: *Psalidognath-*]. Type genus: *Psalidognathus* Gray, 1832.

PRIONOMMITAE J. Thomson, 1861: 327 [stem: *Prionommat-*]. Type genus: *Prionomma* A. White, 1853. Comment: incorrect original stem formation, not in prevailing usage.

ORTHOSOMITAE J. Thomson, 1864: 284 [stem: *Orthosomat-*]. Type genus: *Orthosoma* Audinet-Serville, 1832. Comment: incorrect original stem formation, not in prevailing usage.

PITHOCLITAE J. Thomson, 1864: 291 [stem: *Pithocl-*]. Type genus: *Pithocles* J. Thomson, 1864 [syn. of *Derobrachus* Audinet-Serville, 1832].

DEROBRACHITAE J. Thomson, 1864: 291 [stem: *Derobrach-*]. Type genus: *Derobrachus* Audinet-Serville, 1832.

TITANITAE J. Thomson, 1864: 292 [stem: *Titan-*]. Type genus: *Titanus* Audinet-Serville, 1832.

AULACOCERITAE J. Thomson, 1864: 292 [stem: *Aulacocer-*]. Type genus: *Aulacocerus* A. White, 1853.

\*PSALIDOCOPTIDES Lacordaire, 1868: 38 [stem: *Psalidocopt-*]. Type genus: *Psalidocoptus* A. White, 1856. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

\*POLYARTHRIDES Lacordaire, 1868: 44 [stem: *Polyarthr-*]. Type genus: *Polyarthron* Audinet-Serville, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1868).

\*MICROPSALIDES Lacordaire, 1868: 42 [stem: *Micropsalid-*]. Type genus: *Micropsalis* Burmeister, 1865 [preoccupied genus name, not *Micropsalis* Meyer, 1859 [Crustacea]; syn. of *Apterocaulus* Fairmaire, 1864]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1868); incorrect original stem formation, not in prevailing usage.

POLYARTHRIINI Gounelle, 1911: 326 [stem: *Polyarthr-*]. Type genus: *Polyarthron* Audinet-Serville, 1832. Comment: POLYARTHRIDAE Daday, 1893 (type genus *Polyarthra* Ehrenberg, 1834) is available in Rotifera; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

MICROPSALINI Gounelle, 1911: 326 [stem: *Micropsalid-*]. Type genus: *Micropsalis* Burmeister, 1865 [preoccupied genus name, not *Micropsalis* Meyer, 1859 [Crustacea]; syn. of *Apterocaulus* Fairmaire, 1864]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

### Tribe REMPHANINI Lacordaire, 1868

REMPHANIDES Lacordaire, 1868: 103 [stem: *Remphan-*]. Type genus: *Remphan* G. R. Waterhouse, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 667, as REMPHANINAE), generally accepted as in Drumont and Komiya (2010: 95, as REMPHANINI); this name was incorrectly credited to Pascoe, 1869 by Bousquet et al. (2009: 18); we treat this group as a valid tribe as in Drumont and Komiya (2010: 95).

RHAPHIPODI Lameere, 1912: 181 [stem: *Rhaphipod-*]. Type genus: *Rhaphipodus* Audinet-Serville, 1832.

### Tribe SOLENOPTERINI Lacordaire, 1868

SOLÉNOPTÉRIDES Lacordaire, 1868: 180 [stem: *Solenopter-*]. Type genus: *Solenoptera* Audinet-Serville, 1832. Comment: original vernacular name available

(Art. 11.7.2): first used in latinized form by J. L. LeConte (1873: 286, as SOLENOPTERINI), generally accepted as in Monné (1995c: 37, as SOLENOPTERINI).

\*DÉRANCISTRINES Lameere, 1909: 1 [stem: *Derancistr-*]. Type genus: *Derancistrus* Audinet-Serville, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

DERANCISTRINI Lameere, 1912: 181 [stem: *Derancistr-*]. Type genus: *Derancistrus* Audinet-Serville, 1832.

### **Tribe TERETICINI Lameere, 1913**

\*TÉRÉTICIENS Lameere, 1912: 72 [stem: *Teretic-*]. Type genus: *Tereticus* C. O. Waterhouse, 1879. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

TERETICI Lameere, 1913: 87 [stem: *Teretic-*]. Type genus: *Tereticus* C. O. Waterhouse, 1879.

### **Tribe VESPEROCTENINI Vives, 2005**

VESPEROCTENINI Vives, 2005: 438 [stem: *Vesperocten-*]. Type genus: *Vesperoctenus* H. W. Bates, 1891.

## **Subfamily LEPTURINAE Latreille, 1802**

LEPTURETAE Latreille, 1802: 218 [stem: *Leptur-*]. Type genus: *Leptura* Linnaeus, 1758.

### **Tribe DESMOCERINI Blanchard, 1845**

DESMOCÉRITES Blanchard, 1845b: 163 [stem: *Desmocer-*]. Type genus: *Desmocerus* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1861: 159, as DESMOCERITAE), generally accepted as in Monné (1995b: 1, as DESMOCERINI).

### **Tribe ENCYCLOPINI LeConte, 1873**

ENCYCLOPINI J. L. LeConte, 1873: 326 [stem: *Enclyclop-*]. Type genus: *Encyclops* Newman, 1838.

### **Tribe LEPTURINI Latreille, 1802**

LEPTURETAE Latreille, 1802: 218 [stem: *Leptur-*]. Type genus: *Leptura* Linnaeus, 1758.

\*GRAMMOPTÉRATES Mulsant, 1863b: 569 [stem: *Grammopter-*]. Type genus: *Grammoptera* Audinet-Serville, 1835. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

\*STRANGALINI Zagajkevich, 1991: 96 [stem: *Strangali-*]. Type genus: *Strangalia* Audinet-Serville, 1835. Comment: family-group name unavailable (Art. 11.6): originally published as synonym and not made available subsequently; incorrect original stem formation, not in prevailing usage.

**Tribe OXYMIRINI Danilevsky, 1997**

OXYMIRINI Danilevsky, 1997: 8 [stem: *Oxymir-*]. Type genus: *Oxymirus* Mulsant, 1862.

**Tribe RHAGIINI Kirby, 1837**

RHAGIADAE Kirby, 1837: 178 [stem: *Rhagi-*]. Type genus: *Rhagium* Fabricius, 1775.

\*TOXOTAIRES Mulsant, 1839: 230 [stem: *Toxot-*]. Type genus: *Toxotus* Dejean, 1821 [syn. of *Stenocorus* Geoffroy, 1762]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant (1839).

\*PACHYTES Motschulsky, 1849: 60 [stem: *Pachyt-*]. Type genus: *Pachyta* Dejean, 1821. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849).

STENOCORITAE J. Thomson, 1861: 156 [stem: *Stenocor-*]. Type genus: *Stenocorus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: an application will need to be submitted to the Commission to suppress STENOCORIDAE Hope, 1834 (based on the misidentified type genus *Stenocorus* sensu Hope, 1834) for the Principles of Priority and Homonymy (Art. 65.2.1) if this name is to be used as valid.

TOXOTI J. L. LeConte and G. H. Horn, 1883: 313 [stem: *Toxot-*]. Type genus: *Toxotus* Dejean, 1821 [syn. of *Stenocorus* Geoffroy, 1762]. Comment: junior homonym of TOXOTIDAE Günther, 1860 (type genus *Toxotes* Cuvier and Cloquet, 1816) currently used as valid in Pisces; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

PACHYTINI Portevin, 1934: 119, in key [stem: *Pachyt-*]. Type genus: *Pachyta* Dejean, 1821.

\*ENOPLADERINI Danilevsky, 1997: 9 [stem: *Enoploder-*]. Type genus: *Enoploderes* Faldermann, 1837. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Tribe RHAMNUSIINI Sama, 2009**

\*RHAMNUSIINI Danilevsky, 1997: 9 [stem: *Rhamnusi-*]. Type genus: *Rhamnusium* Latreille, 1829. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

RHAMNUSIINI Sama, 2009b: 383 [stem: *Rhamnusi-*]. Type genus: *Rhamnusium* Latreille, 1829.

**Tribe TELEDAPINI Pascoe, 1871**

TELEDAPINAE Pascoe, 1871: 268 [stem: *Teledap-*]. Type genus: *Teledapus* Pascoe, 1871.

**Tribe SACHALINOBIINI Danilevsky, 2010**

SACHALINOBIINI Danilevsky, 2010: 43 [stem: *Sachalinobi-*]. Type genus: *Sachalinobia* Jakobson, 1899.

**Tribe XYLOSTEINI Reitter, 1913**

XYLOSTEINA Reitter, 1913a: 5 [stem: *Xyloste-*]. Type genus: *Xylosteus* Frivaldszky, 1838.

**Subfamily SPONDYLIDINAE Audinet-Serville, 1832**

SPONDYLII Audinet-Serville, 1832: 123 [stem: *Spondylid-*]. Type genus: *Spondylis* Fabricius, 1775.

**Tribe ANISARTHRIINI Mamaev and Danilevsky, 1973**

\*ANISARTHRIITES Fairmaire, 1864: 124 [stem: *Anisarthr-*]. Type genus: *Anisarthron* Dejean, 1835. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Fairmaire (1864).

ANISARTHRIINI Mamaev and Danilevsky, 1973: 1260, in key [stem: *Anisarthr-*]. Type genus: *Anisarthron* Dejean, 1835. Comment: family-group name proposed as new without reference to ANISARTHRIITES Fairmaire, 1864; incorrect original stem formation, not in prevailing usage.

**Tribe ASEMINI Thomson, 1861**

ASEMITAE J. Thomson, 1861: 259 [stem: *Asem-*]. Type genus: *Asemum* Eschscholtz, 1830.

\*CRIOMORPHATES Mulsant, 1863a: 421 [stem: *Criomorph-*]. Type genus: *Criomorphus* Mulsant, 1839 [preoccupied genus name, not *Criomorphus* Curtis, 1831 [Hemiptera]; placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1988b); syn. of *Tetropium* Kirby, 1837]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant (1863).

\*CRIOCEPHALITES Fairmaire, 1864: 125 [stem: *Criocephal-*]. Type genus: *Criocephalus* Mulsant, 1839 [syn. of *Arhopalus* Audinet-Serville, 1834]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Fairmaire (1864).

TETROPIINA Seidlitz, 1891 [Gatt.]: 179 [stem: *Tetropi-*]. Type genus: *Tetropium* Kirby, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1988b)].

CRIOCEPHALINAE Sharp, 1905: 147 [stem: *Criocephal-*]. Type genus: *Criocephalus* Mulsant, 1839 [syn. of *Arhopalus* Audinet-Serville, 1834].

CRIMORPHINI Portevin, 1927: 20, in key [stem: *Criomorph-*]. Type genus: *Criomorphus* Mulsant, 1839 [preoccupied genus name, not *Criomorphus* Curtis, 1831 [Hemiptera]; placed on the Official Index of Rejected and Invalid

Generic Names in Zoology (ICZN 1988b); syn. of *Tetropium* Kirby, 1837].  
 Comment: permanently invalid (Art. 39): based on preoccupied type genus.  
 NOTHORHININI Zagajkevich, 1991: 110 [stem: *Nothorhin-*]. Type genus: *Nothorhina* Redtenbacher, 1845. Comment: placed in synonymy with ASEMINI by Vives and Alonso-Zarazaga (2000: 569).

### **Tribe ATIMIINI LeConte, 1873**

ATIMIINI J. L. LeConte, 1873: 322 [stem: *Atimi-*]. Type genus: *Atimia* Haldeman, 1847.

### **Tribe SAPHANINI Gistel, 1848**

SAPHANIDAE Gistel, 1848: [8] [stem: *Saphan-*]. Type genus: *Saphanus* Audinet-Serville, 1834.

MICHTHYSOMINI J. L. LeConte, 1873: 332 [stem: *Michthisomat-*]. Type genus: *Michthisoma* J. L. LeConte, 1850 [as *Michthysoma*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe SPONDYLIDINI Audinet-Serville, 1832**

SPONDYLII Audinet-Serville, 1832: 123 [stem: *Spondylid-*]. Type genus: *Spondylis* Fabricius, 1775. Comment: incorrect original stem formation, not in prevailing usage.

### **Subfamily NECYDALINAE Latreille, 1825**

NECYDALIDES Latreille, 1825: 401 [stem: *Necydal-*]. Type genus: *Necydalis* Linnaeus, 1758.

### **Subfamily DORCASOMINAE Lacordaire, 1868**

DORCASOMIDES Lacordaire, 1868: 456 [stem: *Dorcasom-*]. Type genus: *Dorcasomus* Audinet-Serville, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 299, as DORCASOMINAE), generally accepted as in Aurivillius (1912: 251, as DORCASOMINI).

### **Subfamily APATOPHYSEINAE Lacordaire, 1869**

APATOPHYSIDES Lacordaire, 1869: 234 [stem: *Apatophyse-*]. Type genus: *Apatophysis* Chevrolat, 1860. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 240, as APATOPHYSINI), generally accepted as in Švácha and Danilevsky (1988: 125, as APATOPHYSEINAE); incorrect original stem formation, not in prevailing usage; valid status given here as in Danilevsky (2010: 48).

### **Subfamily CERAMBYCINAE Latreille, 1802**

CERAMBICINI Latreille, 1802: 211 [stem: *Cerambyc-*]. Type genus: *Cerambyx* Linnaeus, 1758.



**Tribe ACANGASSUINI Galileo and Martins, 2001**

ACANGASSUINI Galileo and Martins, 2001: 95 [stem: *Acangassu*]. Type genus: *Acangassu* Galileo and Martins, 2001. Comment: this name was incorrectly treated as unavailable by Bousquet et al. (2009).

**Tribe ACHRYSONINI Lacordaire, 1868**

ACHRYSONIDES Lacordaire, 1868: 231 [stem: *Achryson*]. Type genus: *Achryson* Audinet-Serville, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Murray (1870: 169, as ACHRYSONIDAE), generally accepted as in Aurivillius (1912: 39, as ACHRYSONINI); current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Achrys-*).

**Tribe AGALLISSINI LeConte, 1873**

AGALLISSINI J. L. LeConte, 1873: 321 [stem: *Agalliss-*]. Type genus: *Agallissus* Dalman, 1823.

**Tribe ALANIZINI Di Iorio, 2003**

ALANIZINI Di Iorio, 2003: 1 [stem: *Alaniz-*]. Type genus: *Alanizus* Di Iorio, 2003.

**Tribe ANAGLYPTINI Lacordaire, 1868 *nomen protectum***

ANAGLYPTIDES Lacordaire, 1868: 404 [stem: *Anaglypt-*]. Type genus: *Anaglyptus* Mulsant, 1839. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1873: 319, as ANAGLYPTI), generally accepted as in Linsley (1964: 173, as ANAGLYPTINI); junior homonym of ANAGLYPTIDAE Gistel, 1848 (type genus *Anaglyptes* Gistel, 1848; syn. of *Chalcophora* Dejean, 1833) in Coleoptera: BUPRESTIDAE; this name was treated as a *nomen protectum* by Bousquet et al. (2009: 41).

**Tribe APHANASIINI Lacordaire, 1868**

APHANASIIDES Lacordaire, 1868: 367 [stem: *Aphanasi-*]. Type genus: *Aphanasium* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 139, as APHANASIINI).

**Tribe APHNEOPINI Lacordaire, 1868**

APHNÉOPIDES Lacordaire, 1868: 421 [stem: *Aphneop-*]. Type genus: *Aphneope* Pascoe, 1863. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 155, as APHNEOPINI).

**Tribe AUXESINI Lapesme and Breuning, 1952**

\*AUXÉSIDES Lacordaire, 1872: 463 [stem: *Auxes-*]. Type genus: *Auxesis* J. Thomson, 1858. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1872).

AUXESINA Lapesme and Breuning, 1952: 140 [stem: *Auxes-*]. Type genus: *Auxesis* J. Thomson, 1858. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Auxese-*).

PSATHYRINI Quentin, 1954: 103, in key [stem: *Psathyr-*]. Type genus: *Psathyrus* J. Thomson, 1857.

**Tribe BASIPTERINI Fragoso, Monné and Campos Seabra, 1987**

BASIPTERINI Fragoso et al., 1987: 201 [stem: *Basipter-*]. Type genus: *Basiptera* J. Thomson, 1864.

**Tribe BIMINI Lacordaire, 1868**

BIMIIDES Lacordaire, 1868: 464 [stem: *Bimi-*]. Type genus: *Bimia* A. White, 1850. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 254, as BIMINI).

SIBYLLINI Cerda, 1973: 115 [stem: *Sibyll-*]. Type genus: *Sibylla* J. Thomson, 1858 [preoccupied genus name, not *Sibylla* Stål, 1856 [Orthoptera]; the valid name for this genus has recently been given as *Sybilla* J. Thomson, 1864 by Monné and Bezark (2009: 30) which is an incorrect subsequent spelling of *Sibylla* J. Thomson, 1858; syn. of *Zehra* Özdikmen, 2008]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

**Tribe BOTHRIOSPIILINI Lane, 1950**

BOTHRIOSPIILINAE Lane, 1950: 370 [stem: *Bothriospil-*]. Type genus: *Bothriospila* Aurivillius, 1923.

**Tribe BRACHYPTEROMATINI Sama, 2008**

BRACHYPTEROMINI Sama, 2008: 229 [stem: *Brachypteromat-*]. Type genus: *Brachypteroma* Heyden, 1863. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe CALLICHROMATINI Swainson, 1840**

CALLICHROMINAE Swainson, 1840: 293 [stem: *Callichromat-*]. Type genus: *Callichroma* Latreille, 1816. Comment: incorrect original stem formation, not in prevailing usage; this family-group name was incorrectly credited to Swainson and Shuckard (1840) by Bousquet et al. (2009: 42).

TERAMBIDAE Gistel, 1848: [8] [stem: *Teramb-*]. Type genus: *Terambus* Gistel, 1848 [syn. of *Aromia* Audinet-Serville, 1834].

**Tribe CALLIDIINI Kirby, 1837**

CALLIDIADAE Kirby, 1837: 170 [stem: *Callidi-*]. Type genus: *Callidium* Fabricius, 1775 [for comments on problems with the authorship and type species of this type genus see Bousquet et al. (2009: 42)].

\*PHYMATODATES Mulsant, 1863a: 397 [stem: *Phymatod-*]. Type genus: *Phymatodes* Mulsant, 1839 [placed on the Official List of Generic Names in Zoology (ICZN 1989a)]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

**Tribe CALLIDIOPINI Lacordaire, 1868**

CALLIDIOPSIDES Lacordaire, 1868: 340 [stem: *Callidiop-*]. Type genus: *Callidiopsis* A. White, 1855 [as *Callidiopsis*, unjustified emendation of type-genus by Lacordaire (1868: 356), not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 535, as CALLIDIOPSINAE [incorrect stem formation]), generally accepted as in Aurivillius (1912: 115, as CALLIDIOPINI); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Callidiopid-*).

**Tribe CERAMBYCINI Latreille, 1802**

CERAMBICINI Latreille, 1802: 211 [stem: *Cerambyc-*]. Type genus: *Cerambyx* Linnaeus, 1758.

**Subtribe CERAMBYCINA Latreille, 1802**

CERAMBICINI Latreille, 1802: 211 [stem: *Cerambyc-*]. Type genus: *Cerambyx* Linnaeus, 1758. Comment: Gistel (1856a: 375) used the name CERATAMBYCIDAE but this was based on the incorrect subsequent spelling of the type genus name (incorrectly given as *Caratambyx* in the same work on page 375 but later corrected to *Ceratambyx* by Gistel (1856b: 13)) and was therefore not proposed as a new family-group name.

**Subtribe SPHALLOTRICHINA Martins and Monné, 2005**

SPHALLOTRICHINA Martins and Monné, 2005: 2 [stem: *Sphallotrich-*]. Type genus: *Sphallotrichus* Fragoso, 1982. Comment: this name was incorrectly treated as unavailable by Bousquet et al. (2009).

**Tribe CERTALLINI Fairmaire, 1864**

CARTALLITES Fairmaire, 1864: 149 [stem: *Certall-*]. Type genus: *Certallum* Dejean, 1821 [as *Cartallum*, unjustified emendation of type genus name by Audinet-Serville (1834: 94), not in prevailing usage]. Comment: published early September 1864; original vernacular name available (Art. 11.7.2): first used in a latinized form by Sama (1990: 287, as CERTALLINI), generally accepted as in

Vives (2000: 155, as CERTALLINI); incorrect original stem formation, not in prevailing usage.

PYTHEITAE J. Thomson, 1864: 153 [stem: *Pythe-*]. Type genus: *Pytheus* Newman, 1840. Comment: published before October 1864.

\*ERIONISPITES Chapuis, 1875: 301 [stem: *Erionisp-*]. Type genus: *Erionispa* Chapuis, 1875 [syn. of *Pytheus* Newman, 1840]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875); ERIONISPIDAE was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1875); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); name written with an accent as ÉRIONISPITES on page 301 of the original publication, but without accent in the key and for the description; type genus transferred from CHRYSOMELIDAE by Lameere (1885) and treated as a synonym of *Pytheus* Newman, 1840.

### Tribe CHLIDONINI Waterhouse, 1879

CHLIDONINAE C. O. Waterhouse, 1879b: 320 [stem: *Chlidon-*]. Type genus: *Chlidones* C. O. Waterhouse, 1879.

### Tribe CLEOMENINI Lacordaire, 1868

CLÉOMÉNIDES Lacordaire, 1868: 405 [stem: *Cleomen-*]. Type genus: *Cleomenes* J. Thomson, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 554, as CLEOMENINAE), generally accepted as in Adlbauer et al. (2010: 163, as CLEOMENINI); this name was incorrectly credited to Pascoe (1869) by Bousquet et al. (2009: 55); we treat this group as a valid tribe as in Adlbauer et al. (2010: 163).

### Tribe CLYTINI Mulsant, 1839

CLYTAIRES Mulsant, 1839: 70 [stem: *Clyt-*]. Type genus: *Clytus* Laicharting, 1784. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gistel (1848: [8], as CLYTHIDAE [incorrect stem formation]), generally accepted as in Aurivillius (1912: 358, as CLYTINI).

NEOCLYTITAE J. Thomson, 1861: 219 [stem: *Neoclyt-*]. Type genus: *Neoclytus* J. Thomson, 1861.

CYLLENITAE J. Thomson, 1864: 184 [stem: *Cyllen-*]. Type genus: *Cyllene* Newman, 1840 [preoccupied genus name, not *Cyllene* Gray, 1834 [Mollusca]; syn. of *Megacyllene* Casey, 1912]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

### Tribe COMPSOCERINI Thomson, 1864

COMPSOCERITAE J. Thomson, 1864: 260 [stem: *Compsocer-*]. Type genus: *Compsocerus* Audinet-Serville, 1834 [for comments on problems with the authorship and type species of this type genus see Bousquet et al. (2009: 44)].

**Tribe COPTOMMATINI Lacordaire, 1869**

COPTOMMIDES Lacordaire, 1869: 221 [stem: *Coptommat-*]. Type genus: *Coptomma* Newman, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 488, as COPTOMMATINI); First Reviser (COPTOMMATINI Lacordaire, 1869 vs NAVOMORPHINI Lacordaire, 1869) not determined, current usage maintained.

NAVOMORPHIDES Lacordaire, 1869: 223 [stem: *Navomorph-*]. Type genus: *Navomorpha* A. White, 1855 [syn. of *Coptomma* Newman, 1840]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 488, as NAVOMORPHINI).

**Tribe CURIINI LeConte, 1873**

CURII J. L. LeConte, 1873: 304 [stem: *Curi-*]. Type genus: *Curius* Newman, 1840.

**Tribe DEILINI Fairmaire, 1864**

\*DÉILATES Mulsant, 1863b: 190 [stem: *Deil-*]. Type genus: *Deilus* Audinet-Serville, 1834. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant (1863).

DÉILATES Fairmaire, 1864: 154 [stem: *Deil-*]. Type genus: *Deilus* Audinet-Serville, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 294, as DEILINI).

**Tribe DEJANIRINI Lacordaire, 1868**

DÉJANIRIDES Lacordaire, 1868: 460 [stem: *Dejanir-*]. Type genus: *Dejanira* J. Thomson, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 561, as DEJANIRINAE), generally accepted as in Aurivillius (1912: 253, as DEJANIRINI).

**Tribe DIORINI Lane, 1950**

DIORINAE Lane, 1950: 373 [stem: *Dior-*]. Type genus: *Diorus* A. White, 1853.

**Tribe DISTICHOCERINI Pascoe, 1867**

\*DISTICHOCÉRITES Blanchard, 1845b: 144 [stem: *Distichocer-*]. Type genus: *Distichocera* Kirby, 1819. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1845b).

DISTICHOCERINAE Pascoe, 1867a: 125 [stem: *Distichocer-*]. Type genus: *Distichocera* Kirby, 1819.

**Tribe DODECOSINI Aurivillius, 1912**

DODECOSINI Aurivillius, 1912: 132 [stem: *Dodecos-*]. Type genus: *Dodecosis* H. W. Bates, 1867. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Dodecose-*).

OLEXANDRELLAEINI Zajciw, 1960: 605 [stem: *Olexandrell-*]. Type genus: *Olexandrella* Zajciw, 1959. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe DRYOBIINI Arnett, 1962 *nomen protectum***

DRYOBIINI Arnett, 1962c: 861 [stem: *Dryobi-*]. Type genus: *Dryobius* J. L. LeConte, 1850. Comment: *nomen protectum* (see Bousquet et al. 2009: 45); this is a junior homonym of DRYOBIADAE Gistel, 1856a: 368 (type genus *Dryobia* Gistel, 1856) which is a junior synonym of DRYOPHILIDAE Gistel, 1848.

**Tribe EBURIINI Blanchard, 1845**

ÉBURIITES Blanchard, 1845b: 145 [stem: *Eburi-*]. Type genus: *Eburia* Lacordaire, 1830. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1861: 237, as EBURITAE), generally accepted as in Monné (1993a: 20, as EBURIINI).

**Tribe ECTENESSINI Martins, 1998**

ECTENESSINI Martins, 1998: 82 [stem: *Ecteness-*]. Type genus: *Ectenessa* H. W. Bates, 1885.

**Tribe ELAPHIDIINI Thomson, 1864**

ELAPHIDIONITAE J. Thomson, 1864: 235 [stem: *Elaphidi-*]. Type genus: *Elaphidion* Audinet-Serville, 1834. Comment: incorrect original stem formation, not in prevailing usage; Ivie (1985: 303) pointed out that the correct stem based on *Elaphidion* is *Elaphidi-*; both ELAPHIDIINI and ELAPHIDIONINI have been used in recent literature, we prefer to use the correct spelling of the stem here.

SPHÉRIONIDES Lacordaire, 1868: 312 [stem: *Sphaeri-*]. Type genus: *Sphaerion* Audinet-Serville, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 239, as SPHAERIONINI), generally accepted as in Aurivillius (1912: 96, as SPHAERIONINI); incorrect original stem formation, not in prevailing usage; junior homonym of SPHAERIIDAE Deshayes, 1855 (type genus *Sphaerium* Scopoli, 1877) in Mollusca and SPHAERINA Erichson, 1845 [incorrect original spelling] (type genus *Sphaerius* Walth, 1838) in Myxophaga, the stem of the beetle family-group name was recently emended to *Sphaerius-* (ICZN 2000); this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

STENOSPHEININI J. L. LeConte, 1873: 316 [stem: *Stenosphen-*]. Type genus: *Stenosphenus* Haldeman, 1847.

**Tribe ELIGMODERMINI Lacordaire, 1868**

ÉLIGMODERMIDES Lacordaire, 1868: 337 [stem: *Eligmoderm-*]. Type genus: *Eligmoderma* J. Thomson, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius



(1912: 114, as ELIGMODERMINI); current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Eligmodermat-*).

**Tribe ERLANDIINI Aurivillius, 1912**

ERLANDIINI Aurivillius, 1912: 12 [stem: *Erlandi-*]. Type genus: *Erlandia* Aurivillius, 1904.

**Tribe EROSCHEMINI Lacordaire, 1868**

ÉROSCHÉMIDES Lacordaire, 1868: 515 [stem: *Eroschem-*]. Type genus: *Eroschema* Pascoe, 1859. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1872a: 185, as EROSCHEMINAE), generally accepted as in Aurivillius (1912: 287, as EROSCHEMINI); current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Eroschemat-*).

**Tribe EUMICHTHINI Linsley, 1940**

EUMICHTHINI Linsley, 1940: 368 [stem: *Eumichth-*]. Type genus: *Eumichthus* J. L. LeConte, 1873.

**Tribe GAHANIINI Quentin and Villiers, 1969**

GAHANIINI Quentin and Villiers, 1969: 615, in key [stem: *Gahani-*]. Type genus: *Gahania* Distant, 1907.

**Tribe GLAUCYTINI Lacordaire, 1868**

GLAUCYTIDES Lacordaire, 1868: 405 [stem: *Glaucyt-*]. Type genus: *Glaucytes* J. Thomson, 1857. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 650, as GLAUCYTINAE), generally accepted as in Aurivillius (1912: 435, as GLAUCYTINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Glaucytet-*).

**Tribe GRACILIINI Mulsant, 1839**

GRACILIAIRES Mulsant, 1839: 99 [stem: *Gracili-*]. Type genus: *Gracilia* Audinet-Serville, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1873: 300, as GRACILIINAE), generally accepted as in Monné (1993b: 9, as GRACILIINI).

**Tribe HESPEROPHANINI Mulsant, 1839**

HESPÉROPHANAIRE Mulsant, 1839: 61 [stem: *Hesperophan-*]. Type genus: *Hesperophanes* Dejean, 1835.

**Subtribe DARAMINA Sama, 2008**

DARAMINA Sama, 2008: 224 [stem: *Daram-*]. Type genus: *Daramus* Fairmaire, 1892.

**Subtribe HESPEROPHANINA Mulsant, 1839**

HESPÉROPHANAIRES Mulsant, 1839: 61 [stem: *Hesperophan-*]. Type genus: *Hesperophanes* Dejean, 1835 [see Vives and Alonso-Zarazaga (2000: 657) and Bousquet et al. (2009: 47) for a discussion of problems with the type species of this genus]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869: 523, as HESPEROPHANINAE), generally accepted as in Monné (1993a: 1, as HESPEROPHANINI).

CERASPHORITAE J. Thomson, 1861: 234 [stem: *Cerasphor-*]. Type genus: *Cerasphorus* Audinet-Serville, 1834.

**Tribe HESTHESINI Pascoe, 1867**

HESTHESINAE Pascoe, 1867a: 127 [stem: *Hesthes-*]. Type genus: *Hesthesis* Newman, 1840. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Hesthese-*).

**Tribe HETEROPSINI Lacordaire, 1868 *nomen protectum***

DICHOPHYIAEIDAE Gistel, 1848: [8] [stem: *Dichophyi-*]. Type genus: *Dichophyia* Gistel, 1848. Comment: *nomen oblitum* (see Bousquet et al. 2009: 48). Comment: incorrect original stem formation, not in prevailing usage.

HÉTÉROPSIDES Lacordaire, 1868: 405 [stem: *Heterops-*]. Type genus: *Heterops* Blanchard, 1842. Comment: *nomen protectum* (see Bousquet et al. 2009: 48); original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1872a: 179, as HETEROPSINAE), generally accepted as in Aurivillius (1912: 438, as HETEROPSINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Heterop-*); this name was incorrectly attributed to Lacordaire (1869) by Bousquet et al. (2009: 48).

**Tribe HEXOPLINI Martins, 2006**

HEXOPLONINI Martins, 2006: 22 [stem: *Hexopl-*]. Type genus: *Hexoplon* J. Thomson, 1864. Comment: incorrect original stem formation, not in prevailing usage; this name was incorrectly treated as unavailable by Bousquet et al. (2009).

**Tribe HOLOPLEURINI Chemsak and Linsley, 1974**

HOLOPLEURINI Chemsak and Linsley, 1974: 183 [stem: *Holopleur-*]. Type genus: *Holopleura* J. L. LeConte, 1873.

**Tribe HOLOPTERINI Lacordaire, 1868**

HOLOPTÉRIDES Lacordaire, 1868: 393 [stem: *Holopter-*]. Type genus: *Holopterus* Blanchard, 1851. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Lucas (1920: xxiii, as HOLOPTERINI), generally accepted as in Aurivillius (1912: 148, as HOLOPTERINI); this tribe was transferred to the subfamily LEPTURINAE by Vitali (2002: 32) but placed back into the CERAMBYCINAE by Monné (2005a: 301).

**Tribe HYBODERINI Linsley, 1940**

HYBODERINI Linsley, 1940: 371 [stem: *Hyboder-*]. Type genus: *Hybodera* J. L. LeConte, 1873.

**Tribe HYLOTRUPINI Zagajkevich, 1991**

HYLOTRUPINI Zagajkevich, 1991: 67 [stem: *Hylotrup-*]. Type genus: *Hylotrupes* Audinet-Serville, 1834.

**Tribe IBIDIONINI Thomson, 1861**

IBIDIONITAE J. Thomson, 1861: 199 [stem: *Ibidion-*]. Type genus: *Ibidion* Gory, 1833.

**Subtribe COMPSINA Martins and Galileo, 2007**

COMPSINA Martins and Galileo, 2007: 6, in key [stem: *Comps-*]. Type genus: *Compsa* Perty, 1832. Comment: this name was incorrectly treated as unavailable by Bousquet et al. (2009); junior homonym of COMPSINI Pierce, 1913 (type genus *Compsus* Schönherr, 1823) in CURCULIONIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

**Subtribe IBIDIONINA Thomson, 1861**

IBIDIONITAE J. Thomson, 1861: 199 [stem: *Ibidion-*]. Type genus: *Ibidion* Gory, 1833. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Ibidi-*).

\*SYDACINI Martins, 2003a: 204 [stem: *Sydac-*]. Type genus: *Sydax* Lacordaire, 1868. Comment: name unavailable (Art. 16.1): name not indicated as intentionally new; this taxon was originally described by Martins (1997a: 8-9) but not named.

**Subtribe TROPIDINA Martins and Galileo, 2007**

TROPIDINA Martins and Galileo, 2007: 7 [stem: *Tropid-*]. Type genus: *Tropidion* J. Thomson, 1867. Comment: this name was incorrectly treated as unavailable by Bousquet et al. (2009); incorrect original spelling maintained (should be *Tropidi-*) in order to avoid homonymy with TROPIDIINI Hull, 1949 (type genus *Tropidia* Meigen, 1822) available in Diptera: SYRPHIDAE.

**Tribe IDERATINI Martins and Napp, 2009**

IDERATINI Martins and Napp, 2009: 216 [stem: *Iderat-*]. Type genus: *Ideratus* J. Thomson, 1864.

**Tribe LISSONOTINI Swainson, 1840**

LISSONOTINAE Swainson, 1840: 289 [stem: *Lissonot-*]. Type genus: *Lissonotus* Dalman, 1817. Comment: this family-group name was incorrectly credited to

Swainson and Shuckard (1840) by Bousquet et al. (2009: 49); the junior homonym LISSONOTINI Förster, 1869 (type genus *Lissonota* Gravenhorst, 1829) is available in Hymenoptera: ICHNEUMONIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

### **Tribe LUSCOSMODICINI Martins, 2003**

LUSCOSMODICINI Martins, 2003b: 30 [stem: *Luscosmodic-*]. Type genus: *Luscosmodicum* Martins, 1970. Comment: this name was incorrectly treated as unavailable by Bousquet et al. (2009).

### **Tribe LYGRINI Sama, 2008**

LYGRINI Sama, 2008: 222 [stem: *Lygr-*]. Type genus: *Lygrus* Fåhraeus, 1872.

### **Tribe MACRONINI Lacordaire, 1868**

ENCHAPTERITAE J. Thomson, 1861: 151 [stem: *Enchopter-*]. Type genus: *Enchoptera* Saunders, 1850 [as *Enchaptera*, incorrect subsequent spelling type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; this name has precedence over MACRONINI Lacordaire, 1868 but has not been used as a valid name after 1899 to our knowledge, although we were unable to find 25 references to conserve usage of MACRONINI (Art. 23.9.2), we believe the name MACRONINI should be conserved for this group and an application should be submitted to the Commission (Art. 23.9.3).

MACRONIDES Lacordaire, 1868: 414 [stem: *Macron-*]. Type genus: *Macrones* Newman, 1841. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1871: 268, as MACRONINAE), generally accepted as in Aurivillius (1912: 153, as MACRONINI); although this is not the oldest name for the tribe, we recommend that an application be submitted to the Commission to conserve usage of the well-established name MACRONINI Lacordaire, 1868.

### **Tribe MEGACOELINI Quentin and Villiers, 1969**

MEGACOELINI Quentin and Villiers, 1969: 615, in key [stem: *Megacoel-*]. Type genus: *Megacoelus* Lacordaire, 1868.

### **Tribe METHIINI Thomson, 1860**

METHIITAE J. Thomson, 1860a: 127 [stem: *Methi-*]. Type genus: *Methia* Newman, 1842.

### **Tribe MOLORCHINI Gistel, 1848**

MOLORCHIDAE Gistel, 1848: [9] [stem: *Molorch-*]. Type genus: *Molorchus* Fabricius, 1792 [see Bousquet (2008: 620) for a discussion of the type species]. Comment: name previously attributed to Mulsant (1862) but was also used by Marseul (1857a: 166, as MOLORCHIDAE) prior to Mulsant's name.

**Tribe MYTHODINI Lacordaire, 1868**

MYTHODIDES Lacordaire, 1868: 418 [stem: *Mythod-*]. Type genus: *Mythodes* J. Thomson, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1871: 268, as MYTHODINAE), generally accepted as in Aurivillius (1912: 154, as MYTHODINI).

**Tribe NECYDALOPSINI Lacordaire, 1868**

NÉCYDALOPSIDES Lacordaire, 1868: 493 [stem: *Necydalops-*]. Type genus: *Necydalopsis* Blanchard, 1851. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 275, as NECYDALOPSINI); current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Necydalopse-*).

**Tribe NEOCORINI Martins, 2005**

NEOCORINI Martins, 2005: 240 [stem: *Neocor-*]. Type genus: *Neocorus* J. Thomson, 1864. Comment: this name was incorrectly treated as unavailable by Bousquet et al. (2009).

**Tribe NEOSTENINI Lacordaire, 1868**

NÉOSTÉNIDES Lacordaire, 1868: 363 [stem: *Neosten-*]. Type genus: *Neostenus* Pascoe, 1857. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1871: 268, as NEOSTENINAE), generally accepted as in Aurivillius (1912: 138, as NEOSTENINI).

**Tribe OBRINI Mulsant, 1839**

OBRIAIRE Mulsant, 1839: 95 [stem: *Obri-*]. Type genus: *Obrium* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gistel (1848: [9], as OBRIIDAE), generally accepted as in Monné (1993a: 11, as OBRINI).

**Tribe OCHYRINI Pascoe, 1871**

OCHYRINAE Pascoe, 1871: 273 [stem: *Ochyra-*]. Type genus: *Ochyra* Pascoe, 1871.

**Tribe OEDENODERINI Aurivillius, 1912**

OEDENODERINI Aurivillius, 1912: 358 [stem: *Oedenoder-*]. Type genus: *Oedenoderus* Chevrolat, 1858.

**Tribe OEMINI Lacordaire, 1868**

OEMIDES Lacordaire, 1868: 216 [stem: *Oem-*]. Type genus: *Oeme* Newman, 1840.

**Subtribe METHIOIDINA Martins, 1997**

METHIOIDINA Martins, 1997a: 119 [stem: *Methioid-*]. Type genus: *Methioides* Chemsak and Linsley, 1967.

**Subtribe OEMINA Lacordaire, 1868**

\*MALACOPTÉRITES Blanchard, 1845b: 147 [stem: *Malacopter-*]. Type genus: *Malacopterus* Audinet-Serville, 1833. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

OEMIDES Lacordaire, 1868: 216 [stem: *Oem-*]. Type genus: *Oeme* Newman, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 498, as OEMINAE), generally accepted as in Aurivillius (1912: 26, as OEMINI).

**Tribe OPSIMINI LeConte, 1873**

OPSIMI J. L. LeConte, 1873: 294 [stem: *Opsim-*]. Type genus: *Opsimus* Mannerheim, 1843.

**Tribe OXYCOLEINI Martins and Galileo, 2003**

OXYCOLEINI Martins and Galileo, 2003: 52 [stem: *Oxycole-*]. Type genus: *Oxycoleus* Lacordaire, 1868. Comment: this name was incorrectly treated as unavailable by Bousquet et al. (2009).

**Tribe PARAHOLOPTERINI Martins, 1997**

PARAHOLOPTERINI Martins, 1997b: 201 [stem: *Paraholopter-*]. Type genus: *Paraholopterus* Cerda and Cekalovic, 1987.

**Tribe PHALOTINI Lacordaire, 1868**

PHALOTIDES Lacordaire, 1868: 495 [stem: *Phalot-*]. Type genus: *Phalota* Pascoe, 1863. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 276, as PHALOTINI).

**Tribe PHLYCTAENODINI Lacordaire, 1868**

PHLYCTÉNODIDES Lacordaire, 1868: 370 [stem: *Phlyctaenod-*]. Type genus: *Phlyctaenodes* Newman, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Aurivillius (1912: 140, as PHLYCTAENODINI), generally accepted as in Monné (1993b: 20, as PHLYCTAENODINI); incorrect original stem formation, not in prevailing usage.

**Tribe PHORACANTHINI Newman, 1840**

STENOCORIDAE Hope, 1834: 106 [stem: *Stenocor-*]. Type genus: *Stenocorus* sensu Hope, 1835 [not *Stenocorus* Geoffroy, 1762; syn. of *Phoracantha* Newman, 1840]. Comment: based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principles of Priority and Homonymy (Art. 65.2.1); also see STENOCORIDAE J. Thomson, 1861 in LEPTURINAE: RHAGIINI.

PHORACANTHIDAE Newman, 1840: 2 [stem: *Phoracanth-*]. Type genus: *Phoracantha* Newman, 1840.



**Tribe PHYLLARTHRIINI Lepesme and Breuning, 1956**

PHYLLARTHRIINI Lepesme and Breuning, 1956: 287 [stem: *Phyllarthri-*]. Type genus: *Phyllarthrius* Hope, 1843.

**Tribe PIESARTHRIINI McKeown, 1947**

PIESARTHRIINI McKeown, 1947: 55 [stem: *Piesarthri-*]. Type genus: *Piesarthrius* Hope, 1834. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Gressitt (1959: 84, as PIESARTHINI) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1); incorrect original stem formation, not in prevailing usage.

**Tribe PIEZOCERINI Lacordaire, 1868**

PIÉZOCÉRIDES Lacordaire, 1868: 324 [stem: *Piezocer-*]. Type genus: *Piezocera* Audinet-Serville, 1834.

**Subtribe HARUSPICINA Martins, 1976**

HARUSPICINA Martins, 1976: 199 [stem: *Haruspic-*]. Type genus: *Haruspex* J. Thomson, 1864.

**Subtribe PIEZOCERINA Lacordaire, 1868**

PIÉZOCÉRIDES Lacordaire, 1868: 324 [stem: *Piezocer-*]. Type genus: *Piezocera* Audinet-Serville, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 102, as PIEZOCERINI).

ZELLIBORIINAE Lane, 1951: 5 [stem: *Zellibori-*]. Type genus: *Zelliboria* Lane, 1951.

**Tribe PLATYARTHRIINI Bates, 1870**

\*COELARTHRIDES Lacordaire, 1868: 405 [stem: *Caelomarth-*]. Type genus: *Caelomarthron* J. Thomson, 1860 [as *Coelarthon*, unjustified emendation of type genus name by Lacordaire (1869: 142), not in prevailing usage; syn. of *Platyarthron* Guérin-Méneville, 1844]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally accepted as valid; subsequent usage of COELARTHRIINAE by Lucas (1920: 17) and CAELARTHRIINAE by Ferreira and Veiga Ferreira (1959b: 331) did not validate this name because Lacordaire's taxon was listed as a synonym of PLATYARTHRIINI H. W. Bates; COELARTHRIDAE was used as valid by Ienistea (1986: 30) but it was not attributed to Lacordaire (1868); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

PLATYARTHRIINAE H. W. Bates, 1870: 419 [stem: *Platyarthr-*]. Type genus: *Platyarthron* Guérin-Méneville, 1844.

### Tribe PLECTOGASTERINI Quentin and Villiers, 1969

PLECTOGASTERINI Quentin and Villiers, 1969: 615, in key [stem: *Plectogaster-*]. Type genus: *Plectogaster* C. O. Waterhouse, 1881. Comment: Bousquet et al. (2009: 52) erroneously listed PLECTOGASTRINI as the original spelling.

### Tribe PLECTROMERINI Nearn and Braham, 2008

PLECTROMERINI Nearn and Braham, 2008: 19 [stem: *Plectromer-*]. Type genus: *Plectromerus* Haldeman, 1847 [see Bousquet et al. (2009: 53) about problems with the type species of this genus].

### Tribe PLEIARTHROCERINI Lane, 1950

PLEIARTHROCERINAE Lane, 1950: 371 [stem: *Pleiarthrocer-*]. Type genus: *Pleiarthrocerus* Bruch, 1915.

### Tribe PROTAXINI Gahan, 1906

PROTAXINI Gahan, 1906: 92 [stem: *Protax-*]. Type genus: *Protaxis* Gahan, 1906. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Protaxe-*).

### Tribe PROTHEMINI Lacordaire, 1868

PROTHÉMIDES Lacordaire, 1868: 524 [stem: *Prothem-*]. Type genus: *Prothema* Pascoe, 1856. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 578, as PROTHEMINAE), generally accepted as in Aurivillius (1912: 291, as PROTHEMINI).

### Tribe PSEBIINI Lacordaire, 1868

\*LEPTIDÉITES Fairmaire, 1864: 148 [stem: *Leptide-*]. Type genus: *Leptidea* Mulsant, 1839 [preoccupied genus name, not *Leptidea* Billberg, 1820 [Lepidoptera]; syn. of *Nathrius* Bréthes, 1916]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Fairmaire (1864).

PSÉBIIDES Lacordaire, 1868: 479 [stem: *Psebi-*]. Type genus: *Psebius* Pascoe, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 299, as PSEBIINAE), generally accepted as in Aurivillius (1912: 261, as PSEBIINI).

LEPTIDEINA Reitter, 1913a: 24 [stem: *Leptide-*]. Type genus: *Leptidea* Mulsant, 1839 [preoccupied genus name, not *Leptidea* Billberg, 1820 [Lepidoptera]; syn. of *Nathrius* Bréthes, 1916]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; LEPTIDEINI Verity, 1947 (type genus *Leptidea* Billberg, 1820) is available in Lepidoptera.

CAMBAIINAE Lane, 1951: 12 [stem: *Cambai-*]. Type genus: *Cambaia* Lane, 1951 [syn. of *Paraleptidea* Gounelle, 1913].

NATHRIINI Arnett, 1962c: 860 [stem: *Nathri-*]. Type genus: *Nathrius* Brèthes, 1916.

### **Tribe PSEUDOCEPHALINI Aurivillius, 1912 (1861)**

AMETROCEPHALITAE J. Thomson, 1861: 256 [stem: *Ametrocephal-*]. Type genus: *Ametrocephala* Blanchard, 1851 [syn. of *Pseudocephalus* Newman, 1842]. Comment: use of younger name PSEUDOCEPHALINI Aurivillius, 1912 conserved over this name (Art. 40.2).

PSEUDOCEPHALINI Aurivillius, 1912: 154 [stem: *Pseudocephal-*]. Type genus: *Pseudocephalus* Newman, 1842. Comment: name proposed to replace AMETROCEPHALINI J. Thomson, 1861 because of the synonymy of the type genus; usage of this name conserved over AMETROCEPHALINI Thomson, 1861 (Art. 40.2).

### **Tribe PSEUDOLEPTURINI Thomson, 1861**

PSEUDOLEPTURITAE J. Thomson, 1861: 146 [stem: *Pseudoleptur-*]. Type genus: *Pseudoleptura* J. Thomson, 1861. Comment: we treat this group as a valid tribe as in Adlbauer et al. (2010: 200).

ERYTHRINAE Pascoe, 1866a: 227 [stem: *Erythr-*]. Type genus: *Erythrus* A. White, 1853.

### **Tribe PSILOMORPHINI Lacordaire, 1868**

PSILOMORPHIDES Lacordaire, 1868: 392 [stem: *Psilomorph-*]. Type genus: *Psilomorpha* Saunders, 1850. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 148, as PSILOMORPHINI).

### **Tribe PTEROPLATINI Thomson, 1861**

PTEROPLATITAE J. Thomson, 1861: 254 [stem: *Pteroplat-*]. Type genus: *Pteroplatus* Buquet, 1840.

### **Tribe PYRESTINI Lacordaire, 1868**

PYRESTHIDES Lacordaire, 1868: 518 [stem: *Pyrest-*]. Type genus: *Pyrestes* Pascoe, 1857 [as *Pyresthes*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Aurivillius (1912: 288, as PYRESTINI), generally accepted as in Bousquet et al. (2009: 54, as PYRESTINI); incorrect original stem formation, not in prevailing usage.

### **Tribe RHAGIOMORPHINI Newman, 1841**

RHAGIOMORPHIDAE Newman, 1841: 34 [stem: *Rhagiomorph-*]. Type genus: *Rhagiomorpha* Newman, 1840.

**Tribe RHINOTRAGINI Thomson, 1861**

RHINOTRAGITAE J. Thomson, 1861: 177 [stem: *Rhinotrag-*]. Type genus: *Rhinotragus* Germar, 1824.

**Tribe RHOPALOPHORINI Blanchard, 1845**

RHOPALOPHORITES Blanchard, 1845b: 152 [stem: *Rhopalophor-*]. Type genus: *Rhopalophora* Audinet-Serville, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Blanchard (1853: 268, as RHOPALOPHORITAE), generally accepted as in Monné (1994a: 1, as RHOPALOPHORINI).

**Tribe ROSALIINI Fairmaire, 1864**

ROSALIITES Fairmaire, 1864: 137 [stem: *Rosali-*]. Type genus: *Rosalia* Audinet-Serville, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1873: 310, as ROSALIINI), generally accepted as in Linsley (1964: 4, as ROSALIINI).

**Tribe SESTYRINI Lacordaire, 1868**

SESTYRIDES Lacordaire, 1868: 405 [stem: *Sestyr-*]. Type genus: *Sestyra* Pascoe, 1867. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 643, as SESTYRINAE), generally accepted as in Aurivillius (1912: 424, as SESTYRINI).

**Tribe SMODICINI Lacordaire, 1868**

SMODICIDES Lacordaire, 1868: 405 [stem: *Smodic-*]. Type genus: *Smodicum* Hal-deman, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1873: 294, as SMODICI), generally accepted as in Aurivillius (1912: 12, as SMODICINI); this name was incorrectly attributed to Lacordaire (1869) by Bousquet et al. (2009: 55).

**Tribe SPINTHERIINI Lacordaire, 1869**

SPINTHÉRIIDES Lacordaire, 1869: 219 [stem: *Spintheri-*]. Type genus: *Spintheria* J. Thomson, 1861. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 487, as SPINTHERIINI).

**Tribe STENHOMALINI Miroshnikov, 1989**

STENHOMALINI Miroshnikov, 1989: 742 [stem: *Stenhomal-*]. Type genus: *Stenhomalus* A. White, 1855.

**Tribe STENODERINI Pascoe, 1867**

\*STÉNODÉRITES Blanchard, 1845b: 163 [stem: *Stenoder-*]. Type genus: *Stenoderus* Dejean, 1821. Comment: original vernacular name unavailable (Art. 11.7.2):

subsequently used in latinized form but not generally attributed to Blanchard (1845b).

SYLLITAE J. Thomson, 1864: 138 [stem: *Syllit-*]. Type genus: *Syllitus* Pascoe, 1859.

Comment: this name has precedence over STENODERINI Pascoe, 1867 but has not been used as a valid name after 1899 to our knowledge, unfortunately, we were unable to provide 25 references to conserve usage of STENODERINI (Art. 23.9.2) although we believe the name STENODERINI should be conserved for this group until an application to the ICZN is submitted (Art. 23.9.3).

STENODERINAE Pascoe, 1867b: 311 [stem: *Stenoder-*]. Type genus: *Stenoderus* Dejean, 1821. Comment: senior homonym of STENODERINI Selander, 1991 (type genus *Stenodera* Eschscholtz, 1818) currently used as valid in MELOIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1); also, this is not the oldest available name for this tribe, see comments under SYLLITAE Thomson, 1864.

\*PTÉROSTÉNIDES Lacordaire, 1868: 410 [stem: *Pterosten-*]. Type genus: *Pterostenus* Laporte, 1840 [syn. of *Stenoderus* Dejean, 1821]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally accepted as valid; subsequent usage of PTEROSTENINAE by Aurivillius (1912: 150) and Lucas (1920: 53) did not validate this name because Lacordaire's taxon was listed as a synonym of STENODERINI.

CALLIPRASONINI McKeown, 1947: 71 [stem: *Callipras-*]. Type genus: *Calliprason* A. White, 1843. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Gressitt (1959: 148, as CALLIPRASONINI) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1); incorrect original stem formation, not in prevailing usage.

### **Tribe STENOPTERINI Gistel, 1848**

STENOPTERIDAE Gistel, 1848: [9] [stem: *Stenopter-*]. Type genus: *Stenopterus* Illiger, 1804.

### **Tribe STRONGYLURINI Lacordaire, 1868**

STRONGYLURIDES Lacordaire, 1868: 379 [stem: *Strongylur-*]. Type genus: *Strongylurus* Hope, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 548, as STRONGYLURINAE), generally accepted as in Aurivillius (1912: 144, as STRONGYLURINI).

### **Tribe TESSAROMMATINI Lacordaire, 1868**

TESSAROMMIDES Lacordaire, 1868: 378 [stem: *Tessarommat-*]. Type genus: *Tessaromma* Newman, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 143, as TESSAROMMATINI); name also spelled TESSÉROMMIDES in ori-

ginal publication on page 204 (key); incorrect original stem formation, not in prevailing usage.

**Tribe THRANIINI Gahan, 1906**

THRANIINI Gahan, 1906: 236 [stem: *Thrani-*]. Type genus: *Thranius* Pascoe, 1859.

**Tribe THYRSIINI Marinoni and Napp, 1984**

THYRSIINI Marinoni and Napp, 1984: 44 [stem: *Thyrsi-*]. Type genus: *Thyrsia* Dalman, 1819.

**Tribe TILLOMORPHINI Lacordaire, 1868**

TILLOMORPHIDES Lacordaire, 1868: 405 [stem: *Tillomorph-*]. Type genus: *Tillomorpha* Blanchard, 1851. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 554, as TILLOMORPHINAE), generally accepted as in Adlbauer et al. (2010: 206, as TILLOMORPHINI); this name was incorrectly credited to Pascoe, 1869 by Bousquet et al. (2009: 56). EPIPEDOCERINI Gahan, 1906: 305 [stem: *Epipedocer-*]. Type genus: *Epipedocera* Chevrolat, 1863.

**Tribe TORNEUTINI Thomson, 1861**

TORNEUTITAE J. Thomson, 1861: 272 [stem: *Torneut-*]. Type genus: *Torneutes* Reich, 1838.

THAUMASIDAE J. Thomson, 1864: 313 [stem: *Thaumas-*]. Type genus: *Thaumasus* Reiche, 1853.

**Tribe TRACHYDERINI Dupont, 1836**

TRACHYDÉRIDES Dupont, 1836: 1 [stem: *Trachyder-*]. Type genus: *Trachyderes* Dalman, 1817.

**Subtribe ANCYLOCERINA Thomson, 1864**

ANCYLOCERITAE J. Thomson, 1864: 210 [stem: *Ancylocer-*]. Type genus: *Ancylocera* Audinet-Serville, 1834.

**Subtribe TRACHYDERINA Dupont, 1836**

TRACHYDÉRIDES Dupont, 1836: 1 [stem: *Trachyder-*]. Type genus: *Trachyderes* Dalman, 1817. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1861: 209, as TRACHYDERITAE), generally accepted as in Monné (1994b: 16, as TRACHYDERINI).

PURPURICENITAE J. Thomson, 1861: 203 [stem: *Purpuricen-*]. Type genus: *Purpuricenus* Dejean, 1821.

TYLOSITAE J. Thomson, 1861: 205 [stem: *Tylose-*]. Type genus: *Tylosis* J. L. LeConte, 1850. Comment: incorrect original stem formation, not in prevailing usage.



- SPHAENOTHECITAE J. Thomson, 1861: 212 [stem: *Sphaenothec*-.]. Type genus: *Sphaenothecus* Dupont, 1838.
- MEGADERITAE J. Thomson, 1861: 213 [stem: *Megader*-.]. Type genus: *Megaderus* Dejean, 1821.
- ERIPHITAE J. Thomson, 1864: 200 [stem: *Eriph*-.]. Type genus: *Eriphus* Audinet-Serville, 1834.
- PTERACANTHITAE J. Thomson, 1864: 255 [stem: *Pteracanth*-.]. Type genus: *Pteracantha* Newman, 1838.
- METOPOCOILITAE J. Thomson, 1864: 255 [stem: *Metopocoil*-.]. Type genus: *Metopocoilus* Audinet-Serville, 1832.
- STERNACANTHITAE J. Thomson, 1864: 259 [stem: *Sternacanth*-.]. Type genus: *Sternacanthus* Audinet-Serville, 1832.
- TROPIDOSOMITAE J. Thomson, 1864: 256 [stem: *Tropidosomat*-.]. Type genus: *Tropidosoma* Perty, 1832. Comment: incorrect original stem formation, not in prevailing usage.
- POECILOPÉPLIDES Lacordaire, 1868: 404 [stem: *Poecilopepl*-.]. Type genus: *Poecilopeplus* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 449, as POECILOPEPLINI).
- \*DORCACÉRIDES Lacordaire, 1868: 404 [stem: *Dorcacer*-.]. Type genus: *Dorcacerus* Dejean, 1821. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1868).
- STÉNASPIDES Lacordaire, 1868: 404 [stem: *Stenaspid*-.]. Type genus: *Stenaspis* Audinet-Serville, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 653, as STENASPIDINAE), generally accepted as in Aurivillius (1912: 457, as STENASPINI); incorrect original stem formation, not in prevailing usage.
- PARISTÉMIIDES Lacordaire, 1868: 404 [stem: *Paristemi*-.]. Type genus: *Paristemia* Westwood, 1841. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in J. L. LeConte (1873: 309, as PARISTEMIINI).
- DORCACERINAE H. W. Bates, 1870: 430 [stem: *Dorcacer*-.]. Type genus: *Dorcacerus* Dejean, 1821. Comment: Aurivillius (1912: 476) used the spelling DORCADCERINI but this was based on *Docadocerus*, which is an incorrect subsequent spelling of the type genus name.

### Tribe TRAGOCERINI Pascoe, 1867

- TRAGOCERINAE Pascoe, 1867a: 125 [stem: *Tragocer*-.]. Type genus: *Tragocerus* Latreille, 1829.

**Tribe TRICHOMESIINI Aurivillius, 1912**

TRICHOMESIINI Aurivillius, 1912: 276 [stem: *Trichomesi*-]. Type genus: *Trichomesia* Pascoe, 1859.

**Tribe TROPOCALYMMATINI Lacordaire, 1868**

TROPOCALYMMIDES Lacordaire, 1868: 408 [stem: *Tropocalymmat*-]. Type genus: *Tropocalymma* J. Thomson, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 150, as TROPOCALYMMATINI); incorrect original stem formation, not in prevailing usage.

**Tribe TYPHOCESINI Lacordaire, 1868**

TYPHOCÉSIDES Lacordaire, 1868: 539 [stem: *Typhoces*-]. Type genus: *Typhocesis* Pascoe, 1863. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 296, as TYPHOCESINI).

**Tribe UNXIINI Napp, 2007**

UNXIINI Napp, 2007: 312 [stem: *Unxi*-]. Type genus: *Unxia* J. Thomson, 1861.

**Tribe URACANTHINI Blanchard, 1853**

\*URACANTITAS Blanchard, 1851b: 475 [stem: *Uracanth*-]. Type genus: *Uracanthus* Hope, 1833 [*Uracanthus* is an incorrect subsequent spelling of *Uracantha* Hope, 1833 (p. 64), first used by Hope (1834: 108), in prevailing usage and so deemed to be the correct original spelling (Art. 33.3.1)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1851b); incorrect original stem formation, not in prevailing usage.

URACANTHITAE Blanchard, 1853: 264 [stem: *Uracanth*-]. Type genus: *Uracanthus* Hope, 1833 [*Uracanthus* is an incorrect subsequent spelling of *Uracantha* Hope, 1833 (p. 64), first used by Hope (1834: 108), in prevailing usage and so deemed to be the correct original spelling (Art. 33.3.1)].

RHINOPHTHALMITAE J. Thomson, 1861: 152 [stem: *Rhinophthalm*-]. Type genus: *Rhinophthalmus* J. Thomson, 1861.

**Tribe VESPERELLINI Sama, 2008**

VESPERELLINI Sama, 2008: 227 [stem: *Vesperell*-]. Type genus: *Vesperella* Dayrem, 1933.

**Tribe XYSTROCERINI Blanchard, 1845**

XYSTROCÉRITES Blanchard, 1845b: 147 [stem: *Xystrocer*-]. Type genus: *Xystrocera* Audinet-Serville, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1861: 249, as

XYSTROCERITAE), generally accepted as in Martins and Carvalho (1984: 214, as XYSTROCERINI).

### **Subfamily LAMIINAE Latreille, 1825**

LAMIARIAE Latreille, 1825: 401 [stem: *Lami*]. Type genus: *Lamia* Fabricius, 1775.

### **Tribe ACANTHOCININI Blanchard, 1845**

\*AEDILAIRES Mulsant, 1839: 142 [stem: *Aedil*]. Type genus: *Aedilis* Audinet-Serville, 1835. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

ACANTHOCINITES Blanchard, 1845b: 154 [stem: *Acanthocin*]. Type genus: *Acanthocinus* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Blanchard (1853: 289, as ACANTHOCINITAE), generally accepted as in Monné (1995a: 1, as ACANTHOCININI).

TRYPANIDIITAE J. Thomson, 1860a: 7 [stem: *Trypanidi*]. Type genus: *Trypanidius* Blanchard, 1846.

DECTITAE J. Thomson, 1860a: 127 [stem: *Dect*]. Type genus: *Dectes* J. L. LeConte, 1852.

\*ASTYNOMAIRES Mulsant, 1863b: 286 [stem: *Astynom*]. Type genus: *Astynomus* Dejean, 1835. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant (1863b).

LAGOCHEIRINAE H. W. Bates, 1863: 100 [stem: *Lagocheir*]. Type genus: *Lagocheirus* Dejean, 1835.

LIOPIDAE J. L. LeConte, 1873: 338 [stem: *Leiopod*]. Type genus: *Leiopus* Audinet-Serville, 1835 [as *Liopus*, unjustified emendation of type genus name by Agassiz (1846b: 204), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

GRAPHISURINI Leng, 1920: 283 [stem: *Graphisur*]. Type genus: *Graphisurus* Kirby, 1837.

ASTYNOMINI Portevin, 1927: 39 [stem: *Astynom*]. Type genus: *Astynomus* Dejean, 1835.

### **Tribe ACANTHODERINI Thomson, 1860**

ACANTHODERITAE J. Thomson, 1860a: 5 [stem: *Acanthoder*]. Type genus: *Acanthoderes* Audinet-Serville, 1835. Comment: First Reviser (ACANTHODERINI J. Thomson, 1860 vs DRYOCTENINI J. Thomson, 1860 vs OREODERINI J. Thomson, 1860) not determined, current usage maintained.

DRYOCTENITAE J. Thomson, 1860a: 29 [stem: *Dryocten*]. Type genus: *Dryoctenes* Audinet-Serville, 1835.

OREODERITAE J. Thomson, 1860a: 29 [stem: *Oreoder*]. Type genus: *Oreodera* Audinet-Serville, 1835.

HOPLOSIAE J. L. LeConte and G. H. Horn, 1883: 326 [stem: *Oplosi*-]. Type genus: *Oplosia* Mulsant, 1863 [as *Hoplosia*, unjustified emendation of type genus name by Fairmaire (1864), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe ACMOCERINI Thomson, 1864**

ACMOCERITAE J. Thomson, 1864: 57 [stem: *Acmocer*-]. Type genus: *Acmocera* Dejean, 1835.

**Tribe ACRIDOCEPHALINI Dillon and Dillon, 1959**

ACRIDOCEPHALIDI E. S. Dillon and L. S. Dillon, 1959a: 49 [stem: *Acridocephal*-]. Type genus: *Acridocephala* Chevrolat, 1855.

**Tribe ACROCININI Swainson, 1840**

ACROCININAE Swainson, 1840: 287 [stem: *Acrocin*-]. Type genus: *Acrocinus* Illiger, 1806. Comment: this family-group name was incorrectly credited to Swainson and Shuckard (1840) by Bousquet et al. (2009: 24).

**Tribe ADERPASINI Breuning and Teocchi, 1978**

ADERPASINI Breuning and Teocchi, 1978: 142 [stem: *Aderpas*-]. Type genus: *Aderpas* J. Thomson, 1864.

**Tribe AERENICINI Lacordaire, 1872**

AERÉNICIDES Lacordaire, 1872: 897 [stem: *Aerenic*-]. Type genus: *Aerenica* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Harold (1872: 248, as AERENICINAE), generally accepted as in Aurivillius (1923: 596, as AERENICINI).

**Tribe AGAPANTHIINI Mulsant, 1839**

AGAPANTHAIRES Mulsant, 1839: 172 [stem: *Agapanthi*-]. Type genus: *Agapanthia* Audinet-Serville, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1884: 255, as AGAPANTHINAE [incorrect stem formation]), generally accepted as in Aurivillius (1923: 458, as AGAPANTHIINI); incorrect original stem formation, not in prevailing usage.

HIPPOPSITAE J. Thomson, 1860a: 123 [stem: *Hippopse*-]. Type genus: *Hippopsis* Lepeletier and Audinet-Serville, 1828. Comment: incorrect original stem formation, not in prevailing usage.

NEMOTRAGITAE J. Thomson, 1864: 93 [stem: *Nemotrag*-]. Type genus: *Nemotragus* Westwood, 1843.

ANAUXESITAE J. Thomson, 1864: 94 [stem: *Anauxese*-]. Type genus: *Anauxesis* J. Thomson, 1857. Comment: incorrect original stem formation, not in prevailing usage.

APROSOPITAE J. Thomson, 1864: 95 [stem: *Aprosop-*]. Type genus: *Aprosopus* Guérin-Méneville, 1844.

AEGOPREPINAE Pascoe, 1871: 277 [stem: *Aegoprep-*]. Type genus: *Aegoprepes* Pascoe, 1871.

PACHYPÉZIDES Lacordaire, 1872: 691 [stem: *Pachypez-*]. Type genus: *Pachypeza* Audinet-Serville, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in L. S. Dillon and E. S. Dillon (1945: 12, as PACHYPEZINI).

SPALACOPSIDES Lacordaire, 1872: 701 [stem: *Spalacopse-*]. Type genus: *Spalacopsis* Newman, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gahan (1890: 325, as SPALACOPSINAE), generally accepted as in Aurivillius (1923: 360, as SPALACOPSINI); incorrect original stem formation, not in prevailing usage.

DIDYMONYCHINI Aurivillius, 1922b: 31 [stem: *Didymonych-*]. Type genus: *Didymonycha* Aurivillius, 1922 [syn. of *Amillarus* J. Thomson, 1857].

\*AMILLARINEN Aurivillius, 1926a: 22 [stem: *Amillar-*]. Type genus: *Amillarus* J. Thomson, 1857. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

HIPPOPSISCONINI L. S. Dillon and E. S. Dillon, 1945: 11 [stem: *Hippopsicon-*]. Type genus: *Hippopsicon* J. Thomson, 1858.

### **Tribe AMPHOECINI Breuning, 1951**

AMPHOECINI Breuning, 1951a: 5 [stem: *Amphoec-*]. Type genus: *Amphoecus* Montrouzier, 1861.

### **Tribe ANCITINI Aurivillius, 1917**

ANCITINI Aurivillius, 1917: 28 [stem: *Ancit-*]. Type genus: *Ancita* J. Thomson, 1864.

### **Tribe ANCYLONOTINI Lacordaire, 1869**

ANCYLONOTIDES Lacordaire, 1869: 391 [stem: *Ancylonot-*]. Type genus: *Ancylonotus* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1871: 268, as ANCYLONOTINAE), generally accepted as in Aurivillius (1922a: 152, as ANCYLONOTINI).

### **Tribe ANISOCERINI Thomson, 1860**

ANISOCERITAE J. Thomson, 1860a: 31 [stem: *Anisocer-*]. Type genus: *Anisocerus* Lacordaire, 1830.

ONYCHOCERITAE J. Thomson, 1864: 19 [stem: *Onychocer-*]. Type genus: *Onychocerus* Lacordaire, 1830.

PLATYSTERNIDES Lacordaire, 1872: 729 [stem: *Platystern-*]. Type genus: *Platysternus* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1923: 371,

as PLATYSTERNINI); junior homonym of the turtle family PLATYSTERNIDAE Gray, 1869 (type genus *Platysternon* Gray, 1831) which is currently used as valid; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

### Tribe APOMECCYNINI Thomson, 1860

APOMECCYNITAE J. Thomson, 1860a: 66 [stem: *Apomeccyn-*]. Type genus: *Apomeccyna* Dejean, 1821. Comment: name incorrectly spelled APOMECCYNITAE on page 3 but correct spelling used on pages 42, 66 and 68 of the original publication.

ADÉTIDES Lacordaire, 1872: 592 [stem: *Adet-*]. Type genus: *Adetus* J. L. LeConte, 1852. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 288, as ADETINI).

\*AGENNOPSIDES Lacordaire, 1872: 592 [stem: *Agennopse-*]. Type genus: *Agennopsis* J. Thomson, 1857 [syn. of *Adetus* J. L. LeConte, 1852]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

PTÉRICOPTIDES Lacordaire, 1872: 601 [stem: *Ptericopt-*]. Type genus: *Ptericoptus* Lacordaire, 1830. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gestro (1876: 140, as PTERICOPTINI), generally accepted as in Aurivillius (1922a: 294, as PTERICOPTINI).

ECTATOSIIDES Lacordaire, 1872: 708 [stem: *Ectatosi-*]. Type genus: *Ectatosia* Pascoe, 1857. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1923: 363, as ECTATOSIINI).

ISCHIOLONCHIDES Lacordaire, 1872: 709 [stem: *Ischiolonch-*]. Type genus: *Ischioloncha* J. Thomson, 1860. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1923: 364, as ISCHIOLONCHINI).

### Tribe ASTATHINI Thomson, 1864

\*TÉTRAOPHTHALMITES Blanchard, 1845b: 160 [stem: *Tetraophthalm-*]. Type genus: *Tetraophthalmus* Dejean, 1835. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Sama (2010: 56, as TETRAOPHTHALMINI) but not generally accepted as valid.

ASTATHITAE J. Thomson, 1864: 117 [stem: *Astath-*]. Type genus: *Astathes* Newman, 1842 [syn. of *Tetraophthalmus* Dejean, 1835]. Comment: published before October 1864; this family-group name was also used in the same year by Pascoe (1864 [before 3 October]: 8, as ASTHATEINAE [incorrect stem formation]); Pascoe (1864: 81, 85) refers to the publication by J. Thomson (1864) which is further evidence that the publication by Thomson was published first; this tribe name was incorrectly credited to Pascoe (1864) by Bousquet et al. (2009: 26).



**Tribe BATOCERINI Thomson, 1864**

BATOCERITAE J. Thomson, 1864: 74 [stem: *Batocer-*]. Type genus: *Batocera* Dejean, 1835.

**Tribe CALLINI Thomson, 1864**

CALLITAE J. Thomson, 1864: 123 [stem: *Calli-*]. Type genus: *Callia* Audinet-Serville, 1835. Comment: incorrect original stem formation, not in prevailing usage.

GRYLLICIDES Lacordaire, 1872: 902 [stem: *Gryllic-*]. Type genus: *Gryllica* J. Thomson, 1860. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1874a: 234, as GRYLLICINAE), generally accepted as in Aurivillius (1923: 604, as GRYLLICINI).

**Tribe CEROPLESINI Thomson, 1860**

CEROPLESITAE J. Thomson, 1860a: 95 [stem: *Ceroples-*]. Type genus: *Ceroplesis* Audinet-Serville, 1835 [placed on the Official List of Generic Names in Zoology (ICZN 1986c)].

**Subtribe CEROPLESINA Thomson, 1860**

CEROPLESITAE J. Thomson, 1860a: 95 [stem: *Ceroples-*]. Type genus: *Ceroplesis* Audinet-Serville, 1835 [placed on the Official List of Generic Names in Zoology (ICZN 1986c)].

**Subtribe CROSSOTINA Thomson, 1864**

CROSSOTITAE J. Thomson, 1864: 64 [stem: *Crossot-*]. Type genus: *Crossotus* Audinet-Serville, 1835. Comment: downgraded to subtribe by Sama (2008: 235).

ÉCYROSCHÉMIDES Lacordaire, 1872: 503 [stem: *Ecyroschemat-*]. Type genus: *Ecyroschema* J. Thomson, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 241, as ECYROSHEMINI); incorrect original stem formation, not in prevailing usage.

HÉCYRIDIDES Lacordaire, 1872: 517 [stem: *Hecyrid-*]. Type genus: *Hecyrida* J. Thomson, 1860 [syn. of *Hecyra* J. Thomson, 1857]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 318, as HECYRIDINAE), generally accepted as in Aurivillius (1922a: 243, as HECYRINI).

CORYNOFREINAE Aurivillius, 1911a: 37 [stem: *Corynofre-*]. Type genus: *Corynofrea* Aurivillius, 1911.

**Tribe CLONIOCERINI Lacordaire, 1872**

CLONIOCÉRIDES Lacordaire, 1872: 590 [stem: *Cloniocer-*]. Type genus: *Cloniocerus* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2):

first used in latinized form and generally accepted as in Aurivillius (1922a: 287, as CLONIOCERINI).

### **Tribe COLOBOTHEINI Thomson, 1860**

COLOBOTHEITAE J. Thomson, 1860a: 18 [stem: *Colobothe-*]. Type genus: *Colobothea* Lepeletier and Audinet-Serville, 1825 [*Colobothea* is an incorrect subsequent spelling of the original spelling *Colobotea*, in prevailing usage and so deemed to be the correct original spelling (Art. 33.3.1)].

### **Tribe COMPSOSOMATINI Thomson, 1857**

COMPSOSOMITES J. Thomson, 1857b: 70 [stem: *Compsosomat-*]. Type genus: *Compsosoma* Lacordaire, 1830. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1860a: 34, as COMPSOSOMITAE), generally accepted as in Aurivillius (1923: 336, as COMPSOSOMATINI); incorrect original stem formation, not in prevailing usage.

AERENEITES J. Thomson, 1868: 92 [stem: *Aerene-*]. Type genus: *Aerenea* J. Thomson, 1857 [*Aerenea* is an incorrect subsequent spelling of the original spelling *Aerenaea*, introduced by J. Thomson (1860a: 34), in prevailing usage and so deemed to be the correct original spelling (Art. 33.3.1)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gounelle (1908: 7, as AERENEINAE), generally accepted as in Aurivillius (1923: 338, as AERENEINI).

### **Tribe CYRTININI Thomson, 1864**

CYRTINITAE J. Thomson, 1864: 41 [stem: *Cyrtin-*]. Type genus: *Cyrtinus* J. L. LeConte, 1852.

ACANTHOMEROSTERNOPLOINI Tippmann, 1956: 10 [stem: *Acanthomerosternopl-*]. Type genus: *Acanthomerosternoplon* Tippmann, 1955 [syn. of *Omosarotes* Pascoe, 1860]. Comment: incorrect original stem formation, not in prevailing usage.

SCOPADINI Villiers, 1980: 587 [stem: *Scopad-*]. Type genus: *Scopadus* Pascoe, 1857.

### **Tribe DESMIPHORINI Thomson, 1860**

DESMIPHORITAE J. Thomson, 1860a: 74 [stem: *Desmiphor-*]. Type genus: *Desmiphora* Audinet-Serville, 1835.

\*ANAESTHÉTITES Fairmaire, 1864: 166 [stem: *Anaesthet-*]. Type genus: *Anaesthetis* Dejean, 1835. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

MÉTONIDES Lacordaire, 1869: 387 [stem: *Metont-*]. Type genus: *Meton* Pascoe, 1859. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 150, as MÉTONINI); incorrect original stem formation, not in prevailing usage.

HEBESECINAE Pascoe, 1871: 277 [stem: *Hebesecid-*]. Type genus: *Hebesecis* Pascoe, 1865. Comment: incorrect original stem formation, not in prevailing usage.

- AMYMOMIDES Lacordaire, 1872: 468 [stem: *Amymom-*]. Type genus: *Amymoma* Pascoe, 1866 [preoccupied genus name, not *Amymoma* Latreille, 1797 [Crustacea]; syn. of *Neoamymoma* Marinoni, 1977]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 218, as AMYMOMINI); permanently invalid (Art. 39): based on preoccupied type genus.
- CRINOTARSIDES Lacordaire, 1872: 475 [stem: *Crinotars-*]. Type genus: *Crinotarsus* Blanchard, 1853. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 229, as CRINOTARSINI).
- ÉPICASTIDES Lacordaire, 1872: 490 [stem: *Epicast-*]. Type genus: *Epicasta* J. Thomson, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 237, as EPICASTINI).
- APODASYIDES Lacordaire, 1872: 623 [stem: *Apodasy-*]. Type genus: *Apodasya* Pascoe, 1863 [the genus name *Chaetosoma* Chevrolat, 1843: 367 is a senior objective synonym of *Apodasya* Pascoe and should be used as valid based on the Principle of Priority; *Chaetosoma* Chevrolat, 1843 is also a senior homonym of the well-established *Chaetosoma* Westwood, 1851, which is the type genus of CHAETOSOMATIDAE Crowson, 1952 used as valid in CUCUJOIDEA; because the discovery of the available name *Chaetosoma* Chevrolat, 1843 causes problems for well-established names in CUCUJOIDEA and CERAMBYCIDAE, an application was recently submitted by Bousquet and Bouchard (2010) to suppress it for the Principles of Priority and Homonymy (see Appendix 6)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 321, as APODASINAE [incorrect stem formation]), generally accepted as in Aurivillius (1922a: 305, as APODASYINI).
- NÉDINIDES Lacordaire, 1872: 635 [stem: *Nedin-*]. Type genus: *Nedine* J. Thomson, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 317, as NEDININI).
- ESTOLIDES Lacordaire, 1872: 636 [stem: *Estol-*]. Type genus: *Estola* Fairmaire and Germain, 1859. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1873: 340, as ESTOLAE), generally accepted as in Aurivillius (1922a: 317, as ESTOLINI).
- PSENO CERINI J. L. LeConte, 1873: 333 [stem: *Psenocer-*]. Type genus: *Psenocerus* J. L. LeConte, 1852.
- EUPOGONII J. L. LeConte, 1873: 342 [stem: *Eupogoni-*]. Type genus: *Eupogonius* J. L. LeConte, 1852.
- ESSISINI Aurivillius, 1917: 44 [stem: *Essis-*]. Type genus: *Essisus* Pascoe, 1866.
- VELORINI Aurivillius, 1917: 32 [stem: *Velor-*]. Type genus: *Velora* J. Thomson, 1864.

**Tribe DORCADIONINI Swainson, 1840**

DORCADIONINAE Swainson, 1840: 290 [stem: *Dorcad-*]. Type genus: *Dorcadion* Dalman, 1817. Comment: this family-group name was incorrectly credited to Swainson and Shuckard (1840) by Bousquet et al. (2009: 29); current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Dorcad-*; see Vives and Alonso-Zarazaga 2000: 659); tribe placed in synonymy with LAMIINI by Sama (2008: 233).

DORCADODIIDAE Gistel, 1856a: 376 [stem: *Dorcadodi-*]. Type genus: *Dorcadodium* Gistel, 1856 [this name is a senior synonym of *Carinatodorcadion* Breuning, 1943 (see Vives and Alonso-Zarazaga 2000: 659 for type species designation of *Dorcadodium* Gistel); we could not find enough references to treat *Dorcadodium* Gistel, 1856 as a *nomen oblitum*, however we believe that an application should be submitted to the Commission to preserve usage of *Carinatodorcadion* Breuning, 1943].

**Tribe DORCASHEMATINI Thomson, 1860**

DORCASHEMITAE J. Thomson, 1860a: 107 [stem: *Dorcaschemat-*]. Type genus: *Dorcaschema* Haldeman, 1847. Comment: incorrect original stem formation, not in prevailing usage; name spelled DORCHASHEMITAE on page 104 but spelled DORCASHEMITAE on pages 4 and 107 of the original publication.

PROTONARTHRONITAE J. Thomson, 1864: 57 [stem: *Protonarthr-*]. Type genus: *Protonarthron* J. Thomson, 1858. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe ELYTRACANTHININI Bousquet, 2009**

ELYTRACANTHINAE Lane, 1955: 281 [stem: *Elytracanth-*]. Type genus: *Elytracantha* Lane, 1955 [preoccupied type genus, not *Elytracantha* Kleine, 1915 [Coleoptera: BRENTIDAE]; syn. of *Elytracanthina* Monné, 2005]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ELYTRACANTHININI Bousquet, 2009: 30 [stem: *Elytracanthin-*]. Type genus: *Elytracanthina* Monné, 2005. Comment: replacement name for ELYTRACANTHINAE Lane, 1955 because of the homonymy of the type genus.

**Tribe ENICODINI Thomson, 1864**

ENICODITAE J. Thomson, 1864: 36 [stem: *Enicod-*]. Type genus: *Enicodes* Gray, 1832. Comment: First Reviser (ENICODINI J. Thomson, 1864 vs NEMASCHEMATINI J. Thomson, 1864 vs LEPTONOTINI J. Thomson, 1864) not determined, current usage maintained.

NEMASCHEMITAE J. Thomson, 1864: 36 [stem: *Nemaschemat-*]. Type genus: *Nemaschema* J. Thomson, 1861. Comment: incorrect original stem formation, not in prevailing usage.

LEPTONOTITAE J. Thomson, 1864: 36 [stem: *Leptonot-*]. Type genus: *Leptonota* J. Thomson, 1861.

\*ÉNOTIDES Lacordaire, 1872: 487 [stem: *Enotet*–]. Type genus: *Enotes* J. Thomson, 1864. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

### Tribe EUPROMERINI Galileo and Martins, 1995

EUPROMERINI Galileo and Martins, 1995: 132 [stem: *Eupromer*–]. Type genus: *Eupromera* Westwood, 1845.

### Tribe FORSTERIINI Tippmann, 1960

HEBESTOLITAE J. Thomson, 1864: 107 [stem: *Hebestol*–]. Type genus: *Hebestola* Blanchard, 1851 [preoccupied genus name, not *Hebestola* Haldeman, 1847 [Coleoptera: CERAMBYCIDAE: LAMIINAE: MONOCHAMINI]; syn. of *Neohebestola* Marinoni, 1977]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

FORSTERIINI Tippmann, 1960: 210 [stem: *Forsteri*–]. Type genus: *Forsteria* Tippmann, 1960 [syn. of *Falsamblesthis* Breuning, 1959].

FALSAMBLESTHIINI Gilmour, 1961: 131 [stem: *Falsamblesth*–]. Type genus: *Falsamblesthis* Breuning, 1959. Comment: name proposed to replace FORSTERIINI Tippmann, 1960 because of the synonymy of the type genus; however, because the name was proposed after 1960, it cannot be maintained (Art. 40.2); incorrect original stem formation, not in prevailing usage.

### Tribe GNOMINI Thomson, 1860

GNOMITAE J. Thomson, 1860a: 105 [stem: *Gnom*–]. Type genus: *Gnoma* Fabricius, 1801.

### Tribe GYARITINI Breuning, 1950

GYARITINI Breuning, 1950c: 27 [stem: *Gyarit*–]. Type genus: *Gyaritus* Pascoe, 1858.

### Tribe HELIOLINI Breuning, 1951

HELIOLINI Breuning, 1951a: 8 [stem: *Heliol*–]. Type genus: *Heliolus* Fauvel, 1907.

### Tribe HEMILOPHINI Thomson, 1868 *nomen protectum*

AMPHIONYCHITAE J. Thomson, 1860a: 63 [stem: *Amphionych*–]. Type genus: *Amphionycha* Dejean, 1835 [syn. of *Adesmus* Lepeletier and Audinet-Serville, 1825]. Comment: *nomen oblitum* (see Bousquet et al. 2009: 31).

HEMILOPHITAE J. Thomson, 1868: 189 [stem: *Hemiloph*–]. Type genus: *Hemilophus* Audinet-Serville, 1835. Comment: *nomen protectum* (see Bousquet et al. 2009: 31).

ITESINI Lepesme, 1943: 137 [stem: *It*–]. Type genus: *Ites* C. O. Waterhouse, 1880. Comment: incorrect original stem formation, not in prevailing usage; the tribe ITINI Reitter, 1913 (type genus *Ita* Tournier, 1878), which is based on the same stem, is currently used as valid in Coleoptera: CURCULIONIDAE.

**Tribe HOMONOEINI Thomson, 1864**

HOMONAEITAE J. Thomson, 1864: 35 [stem: *Homonoe-*]. Type genus: *Homonoea* Newman, 1842 [as *Homonaea*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

BUMÉTOPIDES Lacordaire, 1872: 477 [stem: *Bumetopi-*]. Type genus: *Bumetopia* Pascoe, 1858. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gestro (1876: 140, as BUMETOPINI [incorrect stem formation]), generally accepted as in Aurivillius (1922a: 231, as BUMETOPINI [incorrect stem formation]); incorrect original stem formation, not in prevailing usage.

**Tribe HYBORHABDINI Aurivillius, 1911**

HYBORHABDINAE Aurivillius, 1911b: 22 [stem: *Hyborhabd-*]. Type genus: *Hyborhabdus* Aurivillius, 1911.

**Tribe LAMIINI Latreille, 1825**

LAMIARIAE Latreille, 1825: 401 [stem: *Lami-*]. Type genus: *Lamia* Fabricius, 1775.

PACHYSTOLAEIDAE Gistel, 1848: [9] [stem: *Pachystol-*]. Type genus: *Pachystola* Dejean, 1835 [syn. of *Lamia* Fabricius, 1775]. Comment: incorrect original stem formation, not in prevailing usage.

PHRISSOMITAE J. Thomson, 1860a: 22 [stem: *Phrissomat-*]. Type genus: *Phrissoma* Dejean, 1835. Comment: incorrect original stem formation, not in prevailing usage; J. Thomson originally spelled the family-group name PHRYSSOMITAE on page 25, however the spelling PHRISSOMITAE was used on pages 2 and 22 in the same publication; tribe placed in synonymy with LAMIINI by Sama (2008: 233).

MORIMITAE J. Thomson, 1864: 77 [stem: *Morim-*]. Type genus: *Morimus* Brullé, 1832.

POTEMNEMINI Aurivillius, 1922a: 117 [stem: *Potemnem-*]. Type genus: *Potemnemus* J. Thomson, 1864.

**Tribe LATICRANIINI Lane, 1959**

LATICRANIINAE Lane, 1959: 312 [stem: *Laticrani-*]. Type genus: *Laticranium* Lane, 1959.

**Tribe MAUESIINI Lane, 1956**

MAUESINAE Lane, 1956: 19 [stem: *Mauesi-*]. Type genus: *Mauesia* Lane, 1956. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe MEGABASINI Thomson, 1860**

MEGABASITAE J. Thomson, 1860a: 30 [stem: *Megabas-*]. Type genus: *Megabasis* Audinet-Serville, 1835. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Megabase-*).



**Tribe MESOSINI Mulsant, 1839**

MÉSOSAIRE Mulsant, 1839: 165 [stem: *Mesos-*]. Type genus: *Mesosa* Latreille, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gistel (1848: [9], as MESOSAEIDAE [incorrect stem formation]), generally accepted as in López-Pérez (2006: 59, as MESOSINI).

**Tribe MICROCYMATURINI Breuning and Teocchi, 1985**

MICROCYMATURINI Breuning and Teocchi, 1985: 155 [stem: *Microcymatur-*]. Type genus: *Microcymatura* Breuning, 1950.

**Tribe MONEILEMINI Thomson, 1864**

MONEILEMITAE J. Thomson, 1864: 43 [stem: *Moneilem-*]. Type genus: *Moneilema* Say, 1824. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Moneilemat-*).

**Tribe MONOCHAMINI Gistel, 1848**

MONOHAMMIDAE Gistel, 1848: [9] [stem: *Monocham-*]. Type genus: *Monochamus* Dejean, 1821 [as *Monohammus*, unjustified emendation of type genus name by Dejean (1835: 340), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

TAENIOTITAE J. Thomson, 1864: 76 [stem: *Taeniot-*]. Type genus: *Taeniot* Audinet-Serville, 1835.

AGNITAE J. Thomson, 1864: 83 [stem: *Agni-*]. Type genus: *Agnia* Newman, 1842. Comment: incorrect original stem formation, not in prevailing usage.

GERANITAE J. Thomson, 1864: 93 [stem: *Gerani-*]. Type genus: *Gerania* Audinet-Serville, 1835. Comment: incorrect original stem formation, not in prevailing usage.

PTYCHODES J. L. LeConte, 1873: 335 [stem: *Ptychod-*]. Type genus: *Ptychodes* Audinet-Serville, 1835.

GOES J. L. LeConte, 1873: 335 [stem: *Goet-*]. Type genus: *Goes* J. L. LeConte, 1852. Comment: incorrect original stem formation, not in prevailing usage.

DOCOHAMMIDI E. S. Dillon and L. S. Dillon, 1959b: 7 [stem: *Docohamm-*]. Type genus: *Docohammus* Aurivillius, 1908.

**Tribe MORIMONELLINI Lobanov, Danilevsky and Murzin, 1981**

MORIMONELLINI Lobanov et al., 1981: 790 [stem: *Morimonell-*]. Type genus: *Morimonella* Podaný, 1979. Comment: description by indication (distinguishing characters given in Podaný (1979: 43, as OLIGORCHINI)).

**Tribe MORIMOPSINI Lacordaire, 1869**

MORIMOPSIDES Lacordaire, 1869: 289 [stem: *Morimops-*]. Type genus: *Morimopsis* J. Thomson, 1857. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 64,

as MORIMOPSINI); current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Morimopse-*).

### **Tribe NYCTIMENIINI Gressitt, 1951**

NYCTIMENITAE J. Thomson, 1864: 94 [stem: *Nyctimen-*]. Type genus: *Nyctimene* J. Thomson, 1857 [preoccupied genus name, not *Nyctimene* Borkenhausen, 1797 [Mammalia]; syn. of *Nyctimenius* Gressitt, 1951]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

NYCTIMENIINI Gressitt, 1951: 629 [stem: *Nyctimeni-*]. Type genus: *Nyctimenius* Gressitt, 1951. Comment: replacement name for NYCTIMENINI J. Thomson, 1864 because of the homonymy of the type genus.

### **Tribe OBEREINI Thomson, 1864**

OBEREITAE J. Thomson, 1864: 117 [stem: *Obere-*]. Type genus: *Oberea* Dejean, 1835. Comment: published before October 1864; this family-group name was also used in the same year by Pascoe (1864 [before 3 October]: 8, as OBEREINAE); Pascoe (1864: 81, 85) refers to the publication by J. Thomson (1864) which is further evidence that the publication by Thomson was published first; this tribe name was incorrectly credited to Pascoe (1864) by Bousquet et al. (2009: 33).

### **Tribe OCULARIINI Breuning, 1950**

OCULARIINI Breuning, 1950a: 263 [stem: *Oculari-*]. Type genus: *Ocularia* Jordan, 1894.

### **Tribe ONCIDERINI Thomson, 1860**

ONCIDERITAE J. Thomson, 1860a: 38 [stem: *Oncider-*]. Type genus: *Oncideres* Lacordaire, 1830 [*Oncideres* is an incorrect subsequent spelling of *Oncyderes* Lacordaire, 1830, introduced by Audinet-Serville (1835: 67), in prevailing usage and attributed to Lacordaire (1830b), e.g., Monné (2005b: 571), and so deemed to be the correct original spelling (Art. 33.3.1)]. Comment: First Reviser (ONCIDERINI J. Thomson, 1860 vs HYPSIOMATINI J. Thomson, 1860) not determined, current usage maintained.

HYPSIOMITAE J. Thomson, 1860a: 109 [stem: *Hypsiomat-*]. Type genus: *Hypsioma* Audinet-Serville, 1835. Comment: incorrect original stem formation, not in prevailing usage.

HYPSELOMINAE Pascoe, 1864: 7 [stem: *Hypselom-*]. Type genus: *Hypselomus* Perty, 1832.

### **Tribe ONCIDEROPSIDINI Aurivillius, 1922**

ONCIDEROPSIDINI Aurivillius, 1922c: 165 [stem: *Oncideropsid-*]. Type genus: *Oncideropsis* Aurivillius, 1922. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Oncideropse-*).

**Tribe ONOCEPHALINI Thomson, 1860**

ONOCEPHALITAE J. Thomson, 1860a: 120 [stem: *Onocephal-*]. Type genus: *Onocephala* J. Thomson, 1857.

**Tribe ONYCHOGLENEINI Aurivillius, 1923**

ONYCHOGLENEINI Aurivillius, 1923: 513 [stem: *Onychoglene-*]. Type genus: *Onychoglenea* Aurivillius, 1922.

**Tribe PARMENINI Mulsant, 1839**

PARMÉNAIRES Mulsant, 1839: 118 [stem: *Parmen-*]. Type genus: *Parmena* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1864: 38, as PARMENITAE), generally accepted as in Villiers (1978: 449, as PARMENINI).

HEXATHRICITAE J. Thomson, 1864: 38 [stem: *Hexatrich-*]. Type genus: *Hexatricha* A. White, 1846 [as *Hexathrica*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: the spelling HEXARTHTRICITAE (page 38) was corrected to HEXATHRICITAE on page 339 and in the errata (page 483) of the same work; the corrected spelling represents an incorrect original stem formation, not in prevailing usage.

\*DORCADIDIDES Lacordaire, 1869: 257 [stem: *Dorcadid-*]. Type genus: *Dorcadida* A. White, 1846. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 241, as DORCADIDINI), but not generally accepted as valid.

**Tribe PETROGNATHINI Blanchard, 1845**

PÉTROGNATHITES Blanchard, 1845b: 160 [stem: *Petrognath-*]. Type genus: *Petrognatha* Leach, 1819. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 316, as PETROGNATHINAE), generally accepted as in Aurivillius (1922a: 205, as PETROGNATHINI).

\*OMACANTHIDES Lacordaire, 1872: 447 [stem: *Omacanth-*]. Type genus: *Omacantha* Audinet-Serville, 1835 [syn. of *Petrognatha* Leach, 1819]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 243, as OMACANTHINI), but not generally accepted as valid; OMACANTHIDAE was used as valid by Ienistea (1986: 30) but it was not attributed to Lacordaire (1872); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Tribe PHACELLINI Lacordaire, 1872**

PHACELLIDES Lacordaire, 1872: 664 [stem: *Phacell-*]. Type genus: *Phacellus* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gounelle (1908: 7, as PHACELLINAE), generally accepted as in Aurivillius (1923: 339, as PHACELLINI).

**Tribe PHANTASINI Kolbe, 1897**

\*PHANTASIDES Lacordaire, 1869: 285 [stem: *Phantas-*]. Type genus: *Phantasis* J. Thomson, 1860. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1869).

PHANTASINAE Kolbe, 1897: 306 [stem: *Phantas-*]. Type genus: *Phantasis* J. Thomson, 1860. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Phantase-*).

PHANTASINI Hunt and Breuning, 1957: 51 [stem: *Phantas-*]. Type genus: *Phantasis* J. Thomson, 1860. Comment: family group name proposed as new without reference to PHANTASINAE Kolbe, 1897; current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Phantase-*).

**Tribe PHRYNETINI Thomson, 1864**

PHRYNETITAE J. Thomson, 1864: 71 [stem: *Phrynet-*]. Type genus: *Phryneta* Dejean, 1835.

**Tribe PHYMASTERINI Teocchi, 1989**

PHYMASTERINI Teocchi, 1989: 4 [stem: *Phymastern-*]. Type genus: *Phymasterna* Laporte, 1840 [for comments on problems with the authorship and type species of this type genus see Bousquet et al. (2009: 35)].

**Tribe PHYTOECIINI Mulsant, 1839**

PHYTOECIAIRES Mulsant, 1839: 191 [stem: *Phytoeci-*]. Type genus: *Phytoecia* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1864: 8, as PHYTOECIINAE), generally accepted as in Villiers (1978: 521, as PHYTOECIINI).

**Tribe POGONOCHERINI Mulsant, 1839**

POGONOCÉRAIRES Mulsant, 1839: 151 [stem: *Pogonocher-*]. Type genus: *Pogonocherus* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1873: 340, as POGONOCHERINI), generally accepted as in Villiers (1978: 465, as POGONOCHERINI).

\*EXOCENTRITES Fairmaire, 1864: 157 [stem: *Exocentr-*]. Type genus: *Exocentrus* Dejean, 1835. Comment: published early September 1864; original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Fairmaire (1864).

EXOCENTRINAE Pascoe, 1864: 7 [stem: *Exocentr-*]. Type genus: *Exocentrus* Dejean, 1835. Comment: published 3 October 1864.

ZAPLOI J. L. LeConte and G. H. Horn, 1883: 327 [stem: *Zaplo-*]. Type genus: *Zaplous* J. L. LeConte, 1878.

**Tribe POLYRHAPHIDINI Thomson, 1860**

POLYRHAPHITAE J. Thomson, 1860a: 30 [stem: *Polyrhaphid-*]. Type genus: *Polyrhaphis* Audinet-Serville, 1835. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe PRETILIINI Martins and Galileo, 1990**

PRETILIINI Martins and Galileo, 1990: 705, in key [stem: *Pretili-*]. Type genus: *Pretilia* H. W. Bates, 1866.

**Tribe PROCTOCERINI Aurivillius, 1922**

\*CLINIIDES Lacordaire, 1872: 424 [stem: *Clini-*]. Type genus: *Clinia* J. Thomson, 1857 [syn. of *Proctocera* Chevrolat, 1855]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Breuning (1950d: 411, as CLINIINI), but not generally accepted as valid; CLINIIDAE was used as valid by Ienistea (1986: 30) but it was not attributed to Lacordaire (1872); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

PROCTOCERINI Aurivillius, 1922a: 182 [stem: *Proctocer-*]. Type genus: *Proctocera* Chevrolat, 1855.

**Tribe PROSOPOCERINI Thomson, 1864**

PROSOPOCERITAE J. Thomson, 1864: 72 [stem: *Prosopocer-*]. Type genus: *Prosopocera* Blanchard, 1845.

**Tribe PTEROPLIINI Thomson, 1860**

PTEROPLIITAE J. Thomson, 1860a: 73 [stem: *Pteropli-*]. Type genus: *Pteroplius* Lacordaire, 1830 [as *Pteroplia*, incorrect subsequent spelling of type genus name, not in prevailing usage; *Pteroplius* is an incorrect subsequent spelling of *Pterhoplius* Lacordaire, 1830, introduced by Audinet-Serville (1835: 65), in prevailing usage and attributed to Lacordaire (1830b), e.g., Monné (2005b: 295), and so deemed to be the correct original spelling (Art. 33.3.1)].

ABRYNITAE J. Thomson, 1864: 44 [stem: *Abryn-*]. Type genus: *Abryna* Newman, 1842.

PROTORHOPALITAE J. Thomson, 1864: 69 [stem: *Protorhopal-*]. Type genus: *Protorhopala* J. Thomson, 1860.

NIPHONINAE Pascoe, 1864: 56 [stem: *Niphon-*]. Type genus: *Niphona* Mulsant, 1839.

ATAXIIDES Lacordaire, 1872: 597 [stem: *Ataxi-*]. Type genus: *Ataxia* Haldeman, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1873: 344, as ATAXIINI), generally accepted as in Aurivillius (1922a: 291, as ATAXIINI).

EMPHYTOECIIDES Lacordaire, 1872: 713 [stem: *Emphytoeci-*]. Type genus: *Emphytoecia* Fairmaire and Germain, 1860. Comment: original vernacular name

available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1923: 365, as EMPHYTOECIINI).

BAROEIDES Lacordaire, 1872: 439 [stem: *Barae-*]. Type genus: *Baraeus* J. Thomson, 1858 [as *Baroeus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: also spelled BARÉIDES on page 414 of the same work; original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 206, as BARAEINI).

ATOSSIDES Lacordaire, 1872: 496 [stem: *Atoss-*]. Type genus: *Atossa* J. Thomson, 1864 [syn. of *Grammoechus* J. Thomson, 1864]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 149, as ATOSSINI).

METAGNOMINI Aurivillius, 1925: 13 [stem: *Metagnom-*]. Type genus: *Metagnoma* Aurivillius, 1925.

### Tribe RHODOPININI Gressitt, 1951

RHODOPIDES Lacordaire, 1872: 450 [stem: *Rhodopid-*]. Type genus: *Rhodopis* J. Thomson, 1857 [preoccupied genus name, not *Rhodopis* Reichenbach, 1854 [Aves]; syn. of *Rhodopina* Gressitt, 1951]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 210, as RHODOPINI); incorrect original stem formation, not in prevailing usage; permanently invalid (Art. 39): based on preoccupied type genus.

RHODOPININI Gressitt, 1951: 439 [stem: *Rhodopin-*]. Type genus: *Rhodopina* Gressitt, 1951. Comment: replacement name for RHODOPINI Lacordaire, 1872 because of the homonymy of the type genus.

### Tribe SAPERDINI Mulsant, 1839

SAPERDAIRES Mulsant, 1839: 181 [stem: *Saperd-*]. Type genus: *Saperda* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1980)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Blanchard (1853: 299, as SAPERDITAE), generally accepted as in Aurivillius (1923: 468, as SAPERDINI).

GLENEÏTAE J. Thomson, 1864: 123 [stem: *Glene-*]. Type genus: *Glenea* Newman, 1842 [for comments on problems with the authorship and type species of this type genus see Bousquet et al. (2009: 37)].

### Tribe STENOBIINI Breuning, 1950

STENOBIINI Breuning, 1950b: 305 [stem: *Stenobi-*]. Type genus: *Stenobia* Lacordaire, 1872.

### Tribe STERNOTOMINI Thomson, 1860

\*STELLOGNATHITES Blanchard, 1845b: 158 [stem: *Stellognath-*]. Type genus: *Stellognatha* Dejean, 1835. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.



STERNOTOMITAE J. Thomson, 1860a: 87 [stem: *Sternotom-*]. Type genus: *Sternotomis* Percheron, 1836 [*Sternodonta* Dejean, 1835, a senior synonym of *Sternotomis* Percheron, 1836, is a *nomen oblitum* and *Sternotomis* is a *nomen protectum* following Sama (2009a: 24)]. Comment: current spelling maintained (Art. 29.3.1.1): incorrect original stem formation in prevailing usage (should be *Sternotomid-*).

### Tribe TAPEININI Thomson, 1857

TAPEINITES J. Thomson, 1857b: 41 [stem: *Tapein-*]. Type genus: *Tapeina* Lepeletier and Audinet-Serville, 1828. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1860a: 73, as TAPEINITAE), generally accepted as in Aurivillius (1922a: 236, as TAPEININI).

### Tribe TETRAOPINI Thomson, 1860

TETRAOPESITAE J. Thomson, 1860a: 66 [stem: *Tetraop-*]. Type genus: *Tetraopes* Schönherr, 1817. Comment: incorrect original stem formation, not in prevailing usage.

### Tribe TETRAULAXINI Breuning and Teocchi, 1977

TETRAULAXINI Breuning and Teocchi, 1977: 881 [stem: *Tetraulax-*]. Type genus: *Tetraulax* Jordan, 1903. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Tetraulac-*).

### Tribe TETROPINI Portevin, 1927

\*POLYOPSIATES Mulsant, 1863b: 340 [stem: *Polyopsi-*]. Type genus: *Polyopsia* Mulsant, 1839 [syn. of *Tetrops* Stephens, 1829]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

\*TÉTROPIDES Planet, 1924: 326 [stem: *Tetrop-*]. Type genus: *Tetrops* Stephens, 1829 [for comments on problems with the authorship and type species of this type genus see Bousquet et al. (2009: 38)]. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899; the argument of Sama (2008: 240) that Planet's name is available, even if published after 1900 in a vernacular form, because it was used as valid in a latinized form and credited to Planet (1924) by Vives (2000: 508) is incorrect (see Bousquet et al. 2009: 38).

TETROPINI Portevin, 1927: 39, in key [stem: *Tetrop-*]. Type genus: *Tetrops* Stephens, 1829 [for comments on problems with the authorship and type species of this type genus see Bousquet et al. (2009: 38)].

### Tribe THEOCRINI Lacordaire, 1872

THÉOCRIDES Lacordaire, 1872: 494 [stem: *Theocr-*]. Type genus: *Theocris* J. Thomson, 1858. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gahan (1890: 322, as THEOCRINAE), generally accepted as in Aurivillius (1922a: 238, as THEOCRIDINI [incorrect stem formation]).

**Tribe TMESISTERNINI Blanchard, 1853**

TMESISTERNITAE Blanchard, 1853: 274 [stem: *Tmesistern-*]. Type genus: *Tmesisternus* Latreille, 1829.

SPINGNOTHITAE J. Thomson, 1864: 31 [stem: *Sphingnot-*]. Type genus: *Sphingnotus* Perroud, 1855 [as *Spingnothus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

ICHTHYOSOMITAE J. Thomson, 1864: 33 [stem: *Ichthyosom-*]. Type genus: *Ichthyosomus* Boisduval, 1835.

\*ARSYSIIDES Lacordaire, 1872: 479 [stem: *Arsysi-*]. Type genus: *Arsysia* Pascoe, 1867 [syn. of *Trigonoptera* Perroud, 1855]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Gestro (1876: 140, as ARSYSIINI), but not generally accepted as valid; ARSYSIIDAE was used as valid by Ienistea (1986: 30) but it was not attributed to Lacordaire (1872); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

TRIGONOPTERINI Aurivillius, 1922a: 229 [stem: *Trigonopter-*]. Type genus: *Trigonoptera* Perroud, 1855. Comment: replacement name for ARSYSIIDES Lacordaire, 1872 because of the synonymy of the type genus.

**Tribe TRAGOCEPHALINI Thomson, 1857**

TRAGOCEPHALITES J. Thomson, 1857b: 26 [stem: *Tragocephal-*]. Type genus: *Tragocephala* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1860a: 88, as TRAGOCEPHALITAE), generally accepted as in Aurivillius (1922a: 171, as TRAGOCEPHALINI).

**Tribe XENICOTELINI Matsushita, 1933**

XENICOTELINI Matsushita, 1933: 346 [stem: *Xenicotel-*]. Type genus: *Xenicotela* H. W. Bates, 1884.

**Tribe XENOFREINI Aurivillius, 1923**

XENOFREINI Aurivillius, 1923: 375 [stem: *Xenofre-*]. Type genus: *Xenofrea* H. W. Bates, 1885. Comment: this name has been attributed to H. W. Bates (1885: 373) in the literature but we did not find such a name in the Biologia Centrali-Americana or other publications by the same author.

**Tribe XENOLEINI Lacordaire, 1872**

XÉNOLÉIDES Lacordaire, 1872: 460 [stem: *Xenole-*]. Type genus: *Xenolea* J. Thomson, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 216, as XENOLEINI).

**Tribe XYLORHIZINI Lacordaire, 1872**

XYLORHIZIDES Lacordaire, 1872: 443 [stem: *Xylorhiz*-]. Type genus: *Xylorhiza* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 316, as XYLORRHIZINAE [incorrect stem formation]), generally accepted as in Aurivillius (1922a: 208, as XYLORHIZINI).

**Tribe ZYGOCERINI Thomson, 1864**

ZYGOCERITAE J. Thomson, 1864: 87 [stem: *Zygocer*-]. Type genus: *Zygocera* Erichson, 1842.

DISTERNINAE Pascoe, 1871: 268 [stem: *Distern*-]. Type genus: *Disterna* J. Thomson, 1864.

**Family MEGALOPODIDAE Latreille, 1802**

MEGALOPIDES Latreille, 1802: 227 [stem: *Megalopod*-]. Type genus: *Megalopus* Fabricius, 1801.

**Subfamily MEGALOPODINAE Latreille, 1802**

MEGALOPIDES Latreille, 1802: 227 [stem: *Megalopod*-]. Type genus: *Megalopus* Fabricius, 1801. Comment: incorrect original stem formation, not in prevailing usage.

**Subfamily PALOPHAGINAE Kuschel and May, 1990**

PALOPHAGINAE Kuschel and May, 1990: 699 [stem: *Palophag*-]. Type genus: *Palophagus* Kuschel, 1990.

**Subfamily ZEUGOPHORINAE Böving and Craighead, 1931**

ZEUGOPHORINAE Böving and Craighead, 1931: 63, in key [stem: *Zeugophor*-]. Type genus: *Zeugophora* Kunze, 1818 [placed on the Official List of Generic Names in Zoology (ICZN 1986a)].

**Family ORSODACNIDAE Thomson, 1859**

ORSODACHNIDAE C. G. Thomson, 1859: 154 [stem: *Orsodacn*-]. Type genus: *Orsodacne* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 2002a)].

**Subfamily ORSODACNINAE Thomson, 1859**

ORSODACHNIDAE C. G. Thomson, 1859: 154 [stem: *Orsodacn*-]. Type genus: *Orsodacne* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 2002a)]. Comment: incorrect original stem formation, not in prevailing usage.

**Subfamily AULACOSCELIDINAE Chapuis, 1874**

AULACOSCÉLITES Chapuis, 1874: 54 [stem: *Aulacoscelid*-]. Type genus: *Aulacoscelis* Duponchel et Chevrolat, 1842. Comment: original vernacular name available

(Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 245, as AULACOSCELINAE), generally accepted as in Monrós (1959a: 18, as AULACOSCELIDINAE); incorrect original stem formation, not in prevailing usage; a recent application by Santiago-Blay (2008) to conserve usage of the stem *Aulacoscel-* was not approved by the Commission (ICZN 2010b).

### **Family CHRYSOMELIDAE Latreille, 1802**

CHRYSOMELINAE Latreille, 1802: 220 [stem: *Chrysomel-*]. Type genus: *Chrysomela* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1984c)]. Comment: First Reviser (CHRYSOMELIDAE Latreille, 1802 vs BRUCHIDAE Latreille, 1802 vs GALERUCIDAE Latreille, 1802) not determined, current usage maintained.

### **Subfamily SAGRINAE Leach, 1815**

SAGRIDA Leach, 1815: 113 [stem: *Sagr-*]. Type genus: *Sagra* Fabricius, 1792.

### **Tribe CARPOPHAGINI Chapuis, 1874**

CARPOPHAGITES Chapuis, 1874: 36 [stem: *Carpophag-*]. Type genus: *Carpophagus* W. S. MacLeay, 1827. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jacoby (1903: 4, as CARPOPHAGINAE), generally accepted as in Clavareau (1913a: 6, as CARPOPHAGINI); the older name CARPOPHAGINAE Selby, 1835 (type genus *Carpophaga* Selby, 1835) is available in Aves (see Bock 1994: 139); this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

### **Tribe DIAPHANOPSIDINI Monrós, 1958**

DIAPHANOPSIDINI Monrós, 1958a: 7 [stem: *Diaphanopsid-*]. Type genus: *Diaphanops* Schönherr, 1845. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Seeno and Wilcox (1982: 17, 18) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Diaphanop-*).

### **Tribe MEGAMERINI Chapuis, 1874**

MÉGAMÉRITES Chapuis, 1874: 30 [stem: *Megamer-*]. Type genus: *Megamerus* W. S. MacLeay, 1827. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jacoby (1903: 2, as MEGAMERINAE), generally accepted as in Clavareau (1913a: 4, as MEGAMERINI); First Reviser (MEGAMERINI Chapuis, 1874 vs AMETALLINI Chapuis, 1874 vs MECYNODERINI Chapuis, 1874) not determined, current usage maintained.

AMÉTALLITES Chapuis, 1874: 46 [stem: *Ametall-*]. Type genus: *Ametalla* Hope, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jacoby (1903: 1, as AMETALLINAE), generally accepted as in Clavareau (1913a: 12, as AMETALLINI).

MÉCYNODÉRITES Chapuis, 1874: 44 [stem: *Mecynoder-*]. Type genus: *Mecynodera* Hope, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jacoby (1903: 1, as MECYNODERINAE), generally accepted as in Clavareau (1913a: 11, as MECYNODERINI).

### Tribe SAGRINI Leach, 1815

SAGRIDA Leach, 1815: 113 [stem: *Sagr-*]. Type genus: *Sagra* Fabricius, 1792.

### Subfamily BRUCHINAE Latreille, 1802

BRUCHELAE Latreille, 1802: 192 [stem: *Bruch-*]. Type genus: *Bruchus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology and older name *Bruchus* Geoffroy, 1762 placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1995a)]. Comment: BRUCHIDAE Latreille, 1802 placed on the Official List of Family-Group Names in Zoology (ICZN 1995a).

### Tribe AMBLYCERINI Bridwell, 1932

AMBLYCERINAE Bridwell, 1932: 103, in key [stem: *Amblycer-*]. Type genus: *Amblycerus* Thunberg, 1815.

### Subtribe AMBLYCERINA Bridwell, 1932

SPERMOPHAGIDAE Crotch, 1873b: 93 [stem: *Spermophag-*]. Type genus: *Spermophagus* sensu G. H. Horn, 1873 [not *Spermophagus* Schönherr, 1833; syn. of *Amblycerus* Thunberg, 1815]. Comment: based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principles of Priority and Homonymy (Art. 65.2.1); also see SPERMOPHAGINI Borowiec, 1987 below.

AMBLYCERINAE Bridwell, 1932: 103, in key [stem: *Amblycer-*]. Type genus: *Amblycerus* Thunberg, 1815. Comment: although this is the oldest name for the tribe, we recommend that an application be sent to the Commission in order to conserve usage of AMBLYCERINA Bridwell, 1932 because the older name SPERMOPHAGINA Crotch, 1873 is based on a misidentified type genus (Art. 65.2.1); MAAZ and CHCL will submit an application to the Commission in order to conserve the current concept of *Amblycerus* Thunberg, 1815 following the discovery of an overlooked type species designation that would alter the concept of the genus (also see Alonso-Zarazaga and Lyal (1999: 8, 23)).

### Subtribe SPERMOPHAGINA Borowiec, 1987

SPERMOPHAGINI Borowiec, 1987: 27 [stem: *Spermophag-*]. Type genus: *Spermophagus* Schönherr, 1833. Comment: family-group name proposed as

new without reference to SPERMOPHAGIDAE Crotch, 1873; an application needs to be submitted to the Commission to suppress SPERMOPHAGIDAE Crotch, 1873 (based on the misidentified type genus *Spermophagus* sensu Horn, 1873) for the Principles of Priority and Homonymy (Art. 65.2.1) to conserve this name as valid.

### **Tribe BRUCHINI Latreille, 1802**

BRUCHELAE Latreille, 1802: 192 [stem: *Bruch-*]. Type genus: *Bruchus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology and older name *Bruchus* Geoffroy, 1762 placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1995a)]. Comment: BRUCHIDAE Latreille, 1802 placed on the Official List of Family-Group Names in Zoology (ICZN 1995a).

### **Subtribe ACANTHOSCELIDINA Bridwell, 1946**

ACANTHOSCELIDINI Bridwell, 1946: 54, in key [stem: *Acanthoscelid-*]. Type genus: *Acanthoscelides* Schilsky, 1905. Comment: First Reviser (ACANTHOSCELIDINA Bridwell, 1946 vs BRUCHIDIINA Bridwell, 1946) not determined, current usage maintained; description of family-group name not unequivocal (Art. 13.1.1) but name treated as available (Art. 13.2.1); Bridwell (1946: 53) mentioned that he wanted to establish the two new tribes BRUCHIDIINI and ACANTHOSCELIDINI but he followed by saying that it was “premature to attempt a diagnosis” of these tribes; both tribal names were included in his key (p. 54) but their identification was not unequivocal; Bradley (1947: 37) noted that the new tribes BRUCHIDIINI and ACANTHOSCELIDINI were not diagnosed adequately by Bridwell (1946), however he did not cite Article 13 of the then current edition of the Code of Zoological nomenclature to treat those names as unavailable; since BRUCHIDIINI and ACANTHOSCELIDINI have been used as valid and attributed to Bridwell (1946) by subsequent authors, e.g., Bottimer (1968: 1028 and 1015 respectively), we have also treated those names as available here.

BRUCHIDIINI Bridwell, 1946: 54, in key [stem: *Bruchidi-*]. Type genus: *Bruchidius* Schilsky, 1905. Comment: description of family-group name not unequivocal (Art. 13.1.1) but name treated as available (Art. 13.2.1); see comment under ACANTHOSCELIDINI Bridwell, 1946.

### **Subtribe BRUCHINA Latreille, 1802**

BRUCHELAE Latreille, 1802: 192 [stem: *Bruch-*]. Type genus: *Bruchus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology and older name *Bruchus* Geoffroy, 1762 placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1995a)]. Comment: BRUCHIDAE Latreille, 1802 placed on the Official List of Family-Group Names in Zoology (ICZN 1995a).



LARIIDAE Bedel, 1901: 341 [stem: *Lari*-]. Type genus: *Laria* Scopoli, 1763 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1995a); syn. of *Bruchus* Linnaeus, 1767]. Comment: permanently invalid (Art. 39): based on suppressed type genus.

**Subtribe MEGACERINA Bridwell, 1946**

MEGACERINI Bridwell, 1946: 54, in key [stem: *Megacer*-]. Type genus: *Megacerus* Fahraeus, 1839. Comment: MEGACERINI Viret, 1961 (type genus *Megaceros* Owen, 1844) is used as valid in Mammalia: CERVIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

**Tribe EUBAPTINI Bridwell, 1932**

EUBAPTINAE Bridwell, 1932: 103, in key [stem: *Eubapt*-]. Type genus: *Eubaptus* Lacordaire, 1845.

**Tribe KYTORHININI Bridwell, 1932**

KYTORHININAE Bridwell, 1932: 103, in key [stem: *Kytorhin*-]. Type genus: *Kytorhinus* Fischer von Waldheim, 1809.

**Tribe PACHYMERINI Bridwell, 1929**

PACHYMERINAE Bridwell, 1929: 142 [stem: *Pachymer*-]. Type genus: *Pachymerus* Thunberg, 1805. Comment: precedence (PACHYMERINI Bridwell, 1929 vs CARYEDINI Bridwell, 1929 vs CARYOPEMINI Bridwell, 1929) given to taxon originally proposed at the higher rank (Art. 24.1).

**Subtribe CARYEDONTINA Bridwell, 1929**

CARYEDINI Bridwell, 1929: 143 [stem: *Caryedont*-]. Type genus: *Caryedon* Schönherr, 1823. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Decelle (1966).

**Subtribe CARYOPEMINA Bridwell, 1929**

CARYOPEMINI Bridwell, 1929: 143 [stem: *Caryopem*-]. Type genus: *Caryopemon* Jekel, 1855. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Caryopemon*-).

**Subtribe PACHYMERINA Bridwell, 1929**

PACHYMERINAE Bridwell, 1929: 142 [stem: *Pachymer*-]. Type genus: *Pachymerus* Thunberg, 1805.

**Tribe RHAEBINI Blanchard, 1845**

RHAEBITES Blanchard, 1845b: 180 [stem: *Rhaeb*-]. Type genus: *Rhaebus* Fischer von Waldheim, 1824. Comment: original vernacular name available (Art.

11.7.2): first used in latinized form by Kraatz (1879: 278, as RHAEBINI), generally accepted as in Anton (2010: 353, as RHAEBINI); Blanchard (1845b: 193) also used the spelling RHOEBITES.

### **Subfamily DONACIINAE Kirby, 1837**

DONACIADAE Kirby, 1837: 222 [stem: *Donaci-*]. Type genus: *Donacia* Fabricius, 1775.

### **Tribe DONACIINI Kirby, 1837**

DONACIADAE Kirby, 1837: 222 [stem: *Donaci-*]. Type genus: *Donacia* Fabricius, 1775.

DONACOCIADAE Gistel, 1856a: 377 [stem: *Donacoci-*]. Type genus: *Donacocia* Gistel, 1856 [although this genus has been considered a senior syn. of *Plateumaris* C. G. Thomson, 1859 by some authors, Löbl and Silfverberg (2010: 64) recently chose “*brevicornis* Ahrens, 1810” as the type species for this genus; syn. of *Donacia* Fabricius, 1775]. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe HAEMONIINI Chen, 1941**

HAEMONIINI Chen, 1941: 8 [stem: *Haemoni-*]. Type genus: *Haemonia* Dejean, 1821 [syn. of *Macrolea* Smouelle, 1819].

### **Tribe PLATEUMARINI Böving, 1922**

PLATEUMARINI Böving, 1922: 50 [stem: *Plateumar-*]. Type genus: *Plateumaris* C. G. Thomson, 1859. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Plateumarid-*).

PLATEUMARINI Askevold, 1990: 633 [stem: *Plateumar-*]. Type genus: *Plateumaris* C. G. Thomson, 1859. Comment: family-group name proposed as new without reference to PLATEUMARINI Böving, 1922; current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Plateumarid-*).

### **Subfamily CRIOCERINAE Latreille, 1804**

CRIOCERIDES Latreille, 1804c: 159 [stem: *Criocer-*]. Type genus: *Crioceris* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

### **Tribe CRIOCERINI Latreille, 1804**

CRIOCERIDES Latreille, 1804c: 159 [stem: *Criocer-*]. Type genus: *Crioceris* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: published 7 March 1804; this family-group name was also used in the same year by Latreille (1804d [between 19 August and 17 September]: 324, as CRIOCERIDES); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Criocerid-*).

**Tribe LEMINI Gyllenhal, 1813**

LEMOIDEAE Gyllenhal, 1813: 632 [stem: *Lem-*]. Type genus: *Lema* Fabricius, 1798 [placed on the Official List of Generic Names in Zoology (ICZN 1970a)].

**Tribe PSEUDOCRIOCERINI Heinze, 1962**

PSEUDOCRIOCERINI Heinze, 1962: 198, in key [stem: *Pseudocriocer-*]. Type genus: *Pseudocrioceris* Pic, 1916. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Pseudocriocerid-*).

**Subfamily CASSIDINAE Gyllenhal, 1813**

CASSIDEAE Gyllenhal, 1813: 434 [stem: *Cassid-*]. Type genus: *Cassida* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1974b)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1974b, as CASSIDINAE Stephens, 1831); First Reviser found (CASSIDINAE Gyllenhal, 1813 vs HISPINAE Gyllenhal, 1813) is Shuckard (1839b: 68).

**Tribe ALURNINI Chapuis, 1875**

ALURNITES Chapuis, 1875: 292 [stem: *Alurn-*]. Type genus: *Alurnus* Fabricius, 1775. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1910: 69, as ALURNINI), generally accepted as in Staines (2002: 742, as ALURNINI).

\*SPHAEROPALPITES Chapuis, 1875: 359 [stem: *Sphaeropalp-*]. Type genus: *Sphaeropalpus* Guérin-Méneville, 1844 [syn. of *Platyauchenia* Sturm, 1843]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

PLATYAUCHENIITAE Spaeth, 1929b: 113 [stem: *Platyaucheni-*]. Type genus: *Platyauchenia* Sturm, 1843.

**Tribe ANISODERINI Chapuis, 1875**

ANISODÉRITES Chapuis, 1875: 294 [stem: *Anisoder-*]. Type genus: *Anisodera* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1911: 40, as ANISODERINI), generally accepted as in Würmli (1975: 10, as ANISODERINI).

\*LASIOCHILINI Gressitt, 1950: 62 [stem: *Lasiochil-*]. Type genus: *Lasiochila* Weise, 1916. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); the author apparently used this family-group name in error for ANISODERINI (see Gressitt 1953: 126); LASIOCHILINAE Carayon, 1972 (type genus *Lasiochilus* Reuter, 1871) has been used as valid in Hemiptera.

**Tribe APROIDINI Weise, 1911**

APRIOIDINI Weise, 1911: 41 [stem: *Aproid-*]. Type genus: *Aproida* Pascoe, 1863.

**Tribe ARESINI Chapuis, 1875**

ARESCITES Chapuis, 1875: 298 [stem: *Aresc-*]. Type genus: *Arescus* Perty, 1832.

Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1910: 69, as ARESINI), generally accepted as in Staines (2002: 741, as ARESINI).

**Tribe ASPIDIMORPHINI Chapuis, 1875**

ASPIDIMORPHITES Chapuis, 1875: 406 [stem: *Aspidimorph-*]. Type genus: *Aspidimorpha* Hope, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Spaeth (1914: (129), as ASPIDORMOPHITAE [incorrect stem formation]), generally accepted as in Hincks (1952: 336, as ASPIDOMORPHINI).

**Tribe BASIPRIONOTINI Gressitt, 1952 (1914)**

\*PRIOPTÉRITES Chapuis, 1875: 367 [stem: *Priopter-*]. Type genus: *Prioptera* Hope, 1840 [syn. of *Basiprionota* Chevrolat, 1836]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875).

PRIOPTERITAE Spaeth, 1914: (129) [stem: *Priopter-*]. Type genus: *Prioptera* Hope, 1840 [syn. of *Basiprionota* Chevrolat, 1836]. Comment: usage of BASIPRIONOTINI Gressitt, 1952 conserved over this name (Art. 40.2).

BASIPRIONOTINI Gressitt, 1952: 444 [stem: *Basiprionot-*]. Type genus: *Basiprionota* Chevrolat, 1836. Comment: published 8 December 1952; name proposed to replace PRIOPTERINI because of synonymy of the type genus; this family-group name was also proposed in the same year by Hincks (1952 [31 December]: 329, in key, as BASIPRIONOTINI); usage of this name over the older name PRIOPTERINI Spaeth, 1929 conserved (Art. 40.2).

EPISTICTININI Hincks, 1952: 329, in key [stem: *Epistictin-*]. Type genus: *Epistictina* Hincks, 1950.

**Tribe BOTRYONOPINI Chapuis, 1875**

BOTRYONOPITES Chapuis, 1875: 291 [stem: *Botryonop-*]. Type genus: *Botryonopa* Guérin-Méneville, 1840 [*Botryonopa* is a incorrect subsequent spelling of the original name *Bothryonopa*, in prevailing usage and so deemed to be the correct original spelling (Art. 33.3.1); for correct author and year of type genus see Staines (2010: 172)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1911: 39, as BOTRYONOPINI), generally accepted as in Würmli (1975: 8, as BOTRYONOPINI).

**Tribe CALLISPINI Chapuis, 1875**

CALLISPITES Chapuis, 1875: 269 [stem: *Callisp-*]. Type genus: *Callispa* Baly, 1859.

Comment: original vernacular name available (Art. 11.7.2): first used in latin-

ized form by Weise (1911: 41, as CALLISPINI), generally accepted as in Würmli (1975: 12, as CALLISPINI).

\*HISPODONTITES Chapuis, 1875: 284 [stem: *Hispodont-*]. Type genus: *Hispodonta* Baly, 1859. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

### Tribe CALLOHISPINI Uhmman, 1960

CALLOHISPINI Uhmman, 1960: 60 [stem: *Callohispa-*]. Type genus: *Callohispa* Uhmman, 1960.

### Tribe CASSIDINI Gyllenhal, 1813

CASSIDEAE Gyllenhal, 1813: 434 [stem: *Cassid-*]. Type genus: *Cassida* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1974b)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1974b, as CASSIDINAE Stephens, 1831).

EVASPIDOTIDAE Gistel, 1856a: 381 [stem: *Evaspist-*]. Type genus: *Evaspistes* Gistel, 1856 [syn. of *Cassida* Linnaeus, 1758]. Comment: incorrect original stem formation, not in prevailing usage.

\*CHIRIDITES Chapuis, 1875: 405 [stem: *Chirid-*]. Type genus: *Chirida* Chapuis, 1875. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

\*HYBOSITES Chapuis, 1875: 380 [stem: *Hybos-*]. Type genus: *Hybosa* Boheman, 1855 [*Hybosa* has been credited to Duponchel and Chevrolat, 1842, e.g., See-no and Wilcox (1982: 178), but the name is not available from that reference since there is no description nor available species included; this genus was first made available by Boheman (1855: 1)]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

BASIPTITES Chapuis, 1875: 379 [stem: *Basipt-*]. Type genus: *Basipta* Chevrolat, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Hincks (1952: 337, as BASIPTINI).

COPTOCYCLITAE Spaeth and Reitter, 1926: 7, in key [stem: *Coptocycl-*]. Type genus: *Coptocycla* Chevrolat, 1836. Comment: this family-group name was also used in the same year by Spaeth (1926: 1, as COPTOCYCLITAE) but we could not establish priority.

CHARIDOTITAE Spaeth, 1942: 40 [stem: *Charidotid-*]. Type genus: *Charidotis* Boheman, 1854. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Hincks (1952: 343, as CHARIDOTINI) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

**Tribe CEPHALOLEIINI Chapuis, 1875**

CÉPHALOLÉITES Chapuis, 1875: 277 [stem: *Cephalolei-*]. Type genus: *Cephaloleia* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1910: 69, as CEPHALOLEIINI), generally accepted as in Borowiec (1995: 553, as CEPHALOLEIINI); incorrect original stem formation, not in prevailing usage.

**Tribe CHALEPINI Weise, 1910**

CHALEPINI Weise, 1910: 69 [stem: *Chalep-*]. Type genus: *Chalepus* Thunberg, 1805. Comment: Chalepini Weise, 1910 is a junior homonym of CHALEPIDAE H. C. C. Burmeister, 1847 (type genus *Chalepus* W. S. MacLeay, 1819) in SCARABAEIDAE; the older scarab family-group name is permanently invalid because it is based on a preoccupied type genus; an application to the Commission is needed to conserve usage of CHALEPINI Weise, 1910.

**Tribe COELAENOMENODERINI Weise, 1911**

COELAENOMENODERINI Weise, 1911: 51 [stem: *Coelaenomenoder-*]. Type genus: *Coelaenomenodera* Blanchard, 1845.

PHARANGISPINI Uhmann, 1940: 122 [stem: *Pharangisp-*]. Type genus: *Pharangispa* Maulik, 1929. Comment: proposed after 1930 without description but available because accompanied by a bibliographic reference (Maulik 1929: 233) to a description (Art. 13.1).

**Tribe CRYPTONYCHINI Chapuis, 1875**

CRYPTONYCHITES Chapuis, 1875: 286 [stem: *Cryptonych-*]. Type genus: *Cryptonychus* Gyllenhal, 1817. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1911: 45, as CRYPTONYCHINI), generally accepted as in Würmli (1975: 21, as CRYPTONYCHINI).

**Tribe DELOCraniINI Spaeth, 1929**

DELOCraniITAE Spaeth, 1929b: 113 [stem: *Delocrani-*]. Type genus: *Delocrania* Guérin-Méneville, 1844.

**Tribe DORYNOTINI Monrós and Viana, 1949 (1923)**

\*BATONOTITES Chapuis, 1875: 377 [stem: *Batonot-*]. Type genus: *Batonota* Hope, 1839 [syn. of *Dorynota* Chevrolat, 1836]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875).

BATONOTITAE Spaeth, 1923: 66 [stem: *Batonot-*]. Type genus: *Batonota* Hope, 1839 [syn. of *Dorynota* Chevrolat, 1836]. Comment: usage of DORYNOTINI Monrós and Viana, 1949 conserved over this name (Art. 40.2).



DORYNOTINI Monrós and Viana, 1949: 392 [stem: *Dorynot-*]. Type genus: *Dorynota* Chevrolat, 1836. Comment: name proposed to replace “BATONOTITES” because of synonymy of the type genus; usage of younger name conserved over BATONOTINI Spaeth, 1923 (Art. 40.2).

### **Tribe EUGENYSINI Hincks, 1952**

\*CALASPIDEITAE Spaeth, 1942: 18 [stem: *Calaspide-*]. Type genus: *Calaspidea* Hope, 1840 [syn. of *Eugenysa* Chevrolat, 1836]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

EUGENYSINI Hincks, 1952: 329, in key [stem: *Eugenys-*]. Type genus: *Eugenysa* Chevrolat, 1836.

### **Tribe EURISPINI Chapuis, 1875**

EURISPITES Chapuis, 1875: 264 [stem: *Eurisp-*]. Type genus: *Eurispa* Baly, 1859. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1911: 45, as EURISPINI), generally accepted as in Uhmman (1960: 61, as EURISPINI).

### **Tribe EXOTHISPINI Weise, 1911**

EXOTHISPINI Weise, 1911: 51 [stem: *Exothisp-*]. Type genus: *Exothispa* Kolbe, 1897.

### **Tribe GONIOCHENIINI Spaeth, 1942**

GONIOCHENIITAE Spaeth, 1942: 17 [stem: *Goniocheni-*]. Type genus: *Goniochenia* Weise, 1896. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Viana (1964: 217, as GONIOCHENIICI) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

### **Tribe GONOPHORINI Chapuis, 1875**

GONOPHORITES Chapuis, 1875: 303 [stem: *Gonophor-*]. Type genus: *Gonophora* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1911: 54, as GONOPHORINI), generally accepted as in Würmli (1975: 47, as GONOPHORINI).

\*WALLACÉITES Chapuis, 1875: 281 [stem: *Wallace-*]. Type genus: *Wallacea* Baly, 1859 [this genus is a senior homonym of *Wallacea* Doleschall, 1859 (see Woodley 2002: 410)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875); WALLACEIAD[A]E [incorrect stem formation] was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1875); Ienistea's

name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### **Tribe HEMISPHAEROTINI Monrós and Viana, 1951 (1929)**

PORPHYRASPIDAE Spaeth, 1929a: 29 [stem: *Porphyraspid-*]. Type genus: *Porphyraspis* Hope, 1840 [syn. of *Hemisphaerota* Chevrolat, 1836]. Comment: this family-group name was also used in the same year by Spaeth (1929b: 113); usage of younger name HEMISPHAEROTINI Monrós and Viana, 1951 conserved over this name (Art. 40.2); incorrect original stem formation, not in prevailing usage.

HEMISPHAEROTINI Monrós and Viana, 1951: 370 [stem: *Hemisphaerot-*]. Type genus: *Hemisphaerota* Chevrolat, 1836. Comment: usage of this name conserved over PORPHYRASPIDINI Spaeth, 1929 (Art. 40.2).

### **Tribe HISPINI Gyllenhal, 1813**

HISPOIDEAE Gyllenhal, 1813: 448 [stem: *Hisp-*]. Type genus: *Hispa* Linnaeus, 1767.

\*MONOCHIRITES Chapuis, 1875: 330 [stem: *Monochir-*]. Type genus: *Monochirus* Chapuis, 1875 [preoccupied genus name, not *Monochirus* Rafinesque, 1814 [Pisces]; syn. of *Hispellinus* Weise, 1898]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875).

\*TRICHISPITES Chapuis, 1875: 331 [stem: *Trichisp-*]. Type genus: *Trichispa* Chapuis, 1875. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

MONOCHIRINI Weise, 1905: 317 [stem: *Monochir-*]. Type genus: *Monochirus* Chapuis, 1875 [preoccupied genus name, not *Monochirus* Rafinesque, 1814 [Pisces]; syn. of *Hispellinus* Weise, 1897]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

### **Tribe HISPOLEPTINI Chapuis, 1875**

HISPOLEPTITES Chapuis, 1875: 283 [stem: *Hispolept-*]. Type genus: *Hispopleptis* Baly, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Uhmman (1940: 121, as HISPOLEPTINI), generally accepted as in Staines (2002: 777, as HISPOLEPTINI).

### **Tribe HYBOSISPINI Weise, 1910**

HYBOSISPINI Weise, 1910: 69 [stem: *Hybosisp-*]. Type genus: *Hybosispa* Weise, 1910.

### **Tribe IMATIDIINI Hope, 1840**

IMATIDIIDAE Hope, 1840a: 152 [stem: *Imatidi-*]. Type genus: *Imatidium* Fabricius, 1801. Comment: name previously attributed to Chapuis (1875).

**Tribe ISCHYROSONYCHINI Chapuis, 1875**

ISCHYROSONYCHITES Chapuis, 1875: 382 [stem: *Ischyrosonych-*]. Type genus: *Ischyrosonyx* Sturm, 1843 [syn. of *Eurypedus* Gistel, 1834]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Spaeth (1942: 31, as ISCHYRONYCITAE [incorrect stem formation]), generally accepted as in Borowiec (1995: 556, as ISCHYROSONYCHINI).

\*PHYSONOTITAE Spaeth, 1942: 32 [stem: *Physonot-*]. Type genus: *Physonota* Boheman, 1854. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

ASTERIZINI Hincks, 1952: 330, in key [stem: *Asteriz-*]. Type genus: *Asteriza* Chevrolat, 1836. Comment: Hincks (1952: 336) and Seeno and Wilcox (1982: 171) mention “ASTERIZITAE Spaeth”, we could not find any earlier usage of ASTERIZITAE by Spaeth.

**Tribe LEPTISPINI Fairmaire, 1868**

LEPTISPITES Fairmaire, 1868: 258 [stem: *Leptisp-*]. Type genus: *Leptispa* Baly, 1859. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1911: 44, as LEPTHISPINI [incorrect stem formation]), generally accepted as in Würmli (1975: 18, as LEPTISPINI).

**Tribe MESOMPHALIINI Hope, 1840**

MESOMPHALIDAE Hope, 1840a: 160 [stem: *Mesomphali-*]. Type genus: *Mesomphalia* Hope, 1839. Comment: incorrect original stem formation, not in prevailing usage.

\*CHÉLYMORPHITES Chapuis, 1875: 402 [stem: *Chelymorph-*]. Type genus: *Chelymorpha* Chevrolat, 1836. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

\*ELYTROGONITES Chapuis, 1875: 403 [stem: *Elytrogon-*]. Type genus: *Elytrogonia* Chevrolat, 1836. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

\*OMOPLATITES Chapuis, 1875: 397 [stem: *Omoplat-*]. Type genus: *Omoplatia* Hope, 1840 [syn. of *Echoma* Chevrolat, 1836]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

STOLAINI Hincks, 1952: 329, in key [stem: *Stolad-*]. Type genus: *Stolas* Billberg, 1820. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe NOTHOSACANTHINI Gressitt, 1952 (1929)**

\*HOPLIONOTITES Chapuis, 1875: 357 [stem: *Hoplionot-*]. Type genus: *Hoplionota* Hope, 1840 [syn. of *Notosacantha* Chevrolat, 1836]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875).

HOPLIONOTITAE Spaeth, 1929b: 113 [stem: *Hoplionot-*]. Type genus: *Hoplionota* Hope, 1840 [syn. of *Notosacantha* Chevrolat, 1836]. Comment: usage of younger name NOTHOSACANTHINI Gressitt, 1952 conserved over this name (Art. 40.2).

NOTOSACANTHINA Gressitt, 1952: 444 [stem: *Notosacanth-*]. Type genus: *Notosacantha* Chevrolat, 1836. Comment: published 8 December 1952; name proposed to replace HOPLIONOTINI Spaeth, 1929 because of the synonymy of the type genus; this family-group name was also proposed in the same year by Hincks (1952 [31 December]: 328, in key, as NOTOSACANTHINI); usage of this name conserved over HOPLIONOTINI Spaeth, 1929 (Art. 40.2).

### Tribe OEDIOPALPINI Monrós and Viana, 1947 (1910)

AMPLIPALPINI Weise, 1910: 69 [stem: *Amplipalp-*]. Type genus: *Amplipalpa* Harold, 1875 [syn. of *Oediopalpa* Baly, 1859]. Comment: younger name OEDIOPALPINI Monrós and Viana, 1947 conserved over this name (Art. 40.2).

OEDIOPALPINI Monrós and Viana, 1947: 150, in key [stem: *Oediopalp-*]. Type genus: *Oediopalpa* Baly, 1859. Comment: name proposed to replace AMPLIPALPINI Weise, 1910 because of synonymy of the type genus; usage of this name conserved over the older name AMPLIPALPINI Weise, 1910 (Art. 40.2).

### Tribe OMOCERINI Hincks, 1952 (1923)

\*TAUROMITES Chapuis, 1875: 372 [stem: *Taurom-*]. Type genus: *Tauroma* Hope, 1839 [syn. of *Omocerus* Chevrolat, 1835]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875).

TAUROMITAE Spaeth, 1923: 66 [stem: *Taurom-*]. Type genus: *Tauroma* Hope, 1839 [syn. of *Omocerus* Chevrolat, 1835]. Comment: younger name OMOCERINI Hincks, 1952 conserved over this name (Art. 40.2).

OMOCERINI Hincks, 1952: 329, in key [stem: *Omocer-*]. Type genus: *Omocerus* Chevrolat, 1835. Comment: name proposed to replace TAUROMINI Spaeth, 1923 because of synonymy of the type genus; usage of younger name conserved over TAUROMINI Spaeth, 1923 (Art. 40.2).

### Tribe ONCOCEPHALINI Chapuis, 1875

ONCOCÉPHALITES Chapuis, 1875: 308 [stem: *Oncocephal-*]. Type genus: *Onchocephala* Guérin-Méneville, 1844 [this genus name was first made available by Guérin-Méneville (1844: 280-281) although most authors credit Chevrolat (1847: 110, spelled *Oncocephalus*) as the correct author and date of publication of this genus]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1911: 50, as ONCOCEPHALINI), generally accepted as in Świętojańska et al. (2006: 49, as ONCOCEPHALINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Onchocephal-*).

CHOERIDIONINI Weise, 1911: 49 [stem: *Chaeridion*-]. Type genus: *Chaeridiona* Baly, 1869 [as *Choeridiona*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

### Tribe PROMECOTHECINI Chapuis, 1875

PROMECOTHÉCITES Chapuis, 1875: 300 [stem: *Promecothec*-]. Type genus: *Promecotheca* Chevrolat, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1911: 53, as PROMECOTHECINI), generally accepted as in Gressitt (1950: 81, as PROMECOTHECINI).

### Tribe PROSOPODONTINI Weise, 1910

PROSOPODONTINI Weise, 1910: 69 [stem: *Prosopodont*-]. Type genus: *Prosopodonta* Baly, 1885.

### Tribe SCELOENOPLINI Uhmman, 1930

\*CÉPHALODONTITES Chapuis, 1875: 313 [stem: *Cephalodont*-]. Type genus: *Cephalodonta* Chevrolat, 1842 [this name was recently attributed to “Chevrolat, 1843” (e.g., Staines (2002: 748)) but it was made available for the first time by Chevrolat (1842: 272); syn. of *Sceloenopla* Chevrolat, 1836]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875).

CEPHALODONTINAE Gestro, 1906: 548 [stem: *Cephalodont*-]. Type genus: *Cephalodonta* Chevrolat, 1842 [this name was recently attributed to “Chevrolat, 1843” (e.g., Staines (2002: 748)) but it was made available for the first time by Chevrolat (1842: 272); syn. of *Sceloenopla* Chevrolat, 1836]. Comment: usage of the younger name SCELOENOPLINI Uhmman, 1930 conserved over this name (Art. 40.2).

SCELOENOPLINI Uhmman, 1930: 238 [stem: *Sceloenopl*-]. Type genus: *Sceloenopla* Chevrolat, 1836. Comment: although this is not the oldest name for the tribe, we recommend that an application be sent to the Commission in order to conserve usage of SCELOENOPLINI Uhmman, 1930.

### Tribe SPILOPHORINI Chapuis, 1875

SPILOPHORITES Chapuis, 1875: 364 [stem: *Spilophor*-]. Type genus: *Spilophora* Boheman, 1850. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Spaeth (1929a: 29, as SPILOPHORITAE), generally accepted as in Borowiec (1995: 553, as SPILOPHORINI); this name is a senior homonym of SPILOPHORINA Krikken, 1984 (type genus *Spilophorus* Schaum, 1848) currently used as valid in SCARABAEIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

**Tribe UROPLATINI Weise, 1910**

\*OCTOTOMITES Chapuis, 1875: 310 [stem: *Octotom-*]. Type genus: *Octotoma* Dejean, 1836. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875); OCTOTOMIDAE was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1875); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

UROPLATINI Weise, 1910: 69 [stem: *Uroplat-*]. Type genus: *Uroplata* Chevrolat, 1836 [*Uroplata* Chevrolat, 1835" placed on the Official List of Generic Names in Zoology (ICZN 1985f)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1985f, as UROPLATINI Leng, 1920).

**Subfamily CHRYSOMELINAE Latreille, 1802**

CHRYSOMELINAE Latreille, 1802: 220 [stem: *Chrysomel-*]. Type genus: *Chrysomela* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1984c)]. Comment: see Kippenberg (2010b) for an alternative tribal classification within this subfamily.

**Tribe CHRYSOMELINI Latreille, 1802**

CHRYSOMELINAE Latreille, 1802: 220 [stem: *Chrysomel-*]. Type genus: *Chrysomela* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1984c)].

ELEIAEIDAE Gistel, 1848: [9] [stem: *Elei-*]. Type genus: *Eleia* Gistel, 1848 [syn. of *Chrysomela* Linnaeus, 1758]. Comment: incorrect original stem formation, not in prevailing usage.

PRASOCURISIDAE Gistel, 1848: [10] [stem: *Prasocur-*]. Type genus: *Prasocuris* Latreille, 1802. Comment: incorrect original stem formation, not in prevailing usage.

CHLOËMELADAE Gistel, 1856a: 379 [stem: *Chloemel-*]. Type genus: *Chloemela* Gistel, 1856 [syn. of *Chrysomela* Linnaeus, 1758]. Comment: incorrect original stem formation, not in prevailing usage.

DORYPHORES Motschulsky, 1860: 181 [stem: *Doryphor-*]. Type genus: *Doryphora* Illiger, 1807. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gerstaecker (1862: 405, as DORYPHORAE), generally accepted as in Riley et al. (2002: 639, as DORYPHORINA).

GONIOCTÈNES Motschulsky, 1860: 179 [stem: *Goniocten-*]. Type genus: *Gonioctena* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gerstaecker (1862: 405, as GONIOCTENAE), generally accepted as in Warchalowski (1994: 100, as GONIOCTENINA).

LINAEINES Motschulsky, 1860: 196 [stem: *Lin-*]. Type genus: *Lina* Latreille, 1829 [syn. of *Chrysomela* Linnaeus, 1758]. Comment: original vernacular name



- available (Art. 11.7.2): first used in latinized form and generally accepted as in Gerstaecker (1862: 406, as LINAE).
- OVOSOMES Motschulsky, 1860: 211 [stem: *Ovosomat-*]. Type genus: *Ovosoma* Motschulsky, 1860. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Gerstaecker (1862: 406, as OVOSOMAE); incorrect original stem formation, not in prevailing usage.
- PAROPSINES Motschulsky, 1860: 192 [stem: *Paropse-*]. Type genus: *Paropsis* A. G. Olivier, 1807. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gerstaecker (1862: 405, as PAROPSINAE), generally accepted as in Riley et al. (2002: 639, as PAROPSINA); incorrect original stem formation, not in prevailing usage.
- PHRATHORINES Motschulsky, 1860: 216 [stem: *Phrator-*]. Type genus: *Phratora* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gerstaecker (1862: 406, as PHRATORINAE), generally accepted as in Warchalowski (1994: 139, as PHRATORINA); incorrect original stem formation, not in prevailing usage.
- \*AUSTRALICITES Chapuis, 1874: 428 [stem: *Australic-*]. Type genus: *Australica* Chevrolat, 1836 [this name is sometimes treated as a *nomen nudum* (Reid 2006: 55), however it is available since four available species names were included by Chevrolat (1836)]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.
- \*CLIDONOTITES Chapuis, 1874: 414 [stem: *Clidonot-*]. Type genus: *Clidonotus* Chapuis, 1874. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1874); CLIDONOTIDAE was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1874); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- \*COLASPIDÉMITES Chapuis, 1874: 364 [stem: *Colaspidem-*]. Type genus: *Colaspidema* Laporte, 1833. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1874); COLASPIDEMIDAE was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1874); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- \*CYRTONITES Chapuis, 1874: 364 [stem: *Cyrton-*]. Type genus: *Cyrtonus* Latreille, 1829. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.
- \*ELYTROSPHOERITES Chapuis, 1874: 406 [stem: *Elytrosphoer-*]. Type genus: *Elytrosphoera* Blanchard, 1845. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; name incorrectly spelled ELYTROSPHAERITES in the index of the same work (page 449).

- ENTOMOSCÉLITES Chapuis, 1874: 418 [stem: *Entomoscelid*-]. Type genus: *Entomoscelis* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte and G. H. Horn (1883: 344, as ENTOMOSCELIDES [treated as Latin]), generally accepted as in Warchalowski (1994: 154, as ENTOMOSCELINA); incorrect original stem formation, not in prevailing usage.
- \*LYCARIITES Chapuis, 1874: 420 [stem: *Lycari*-]. Type genus: *Lycaria* Stål, 1857. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.
- PHYLLOCHARITES Chapuis, 1874: 422 [stem: *Phyllocharit*-]. Type genus: *Phyllocharis* Dalman, 1824. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Weise (1915: 436, as PHYLLOCHARINI); incorrect original stem formation, not in prevailing usage.
- \*PYXITES Chapuis, 1874: 438 [stem: *Pyxid*-]. Type genus: *Pyxis* Chevrolat, 1843. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.
- PHYLLODECTAE J. L. LeConte and G. H. Horn, 1883: 344 [stem: *Phyllodect*-]. Type genus: *Phyllodecta* Kirby, 1837 [subgenus of *Phratora* Chevrolat, 1836].
- DICRANOSTERNINI Weise, 1915: 436 [stem: *Dicranostern*-]. Type genus: *Dicranosterna* Motschulsky, 1860.
- PHAEDONINI Weise, 1915: 435 [stem: *Phaedon*-]. Type genus: *Phaedon* Latreille, 1829.
- ZYGOGRAMMINI Weise, 1915: 435 [stem: *Zygogrammat*-]. Type genus: *Zygogramma* Chevrolat, 1836. Comment: incorrect original stem formation, not in prevailing usage.
- CHRYSOLININA Chen, 1936: 64, in key [stem: *Chrysolin*-]. Type genus: *Chrysolina* Motschulsky, 1860 [placed on the Official List of Generic Names in Zoology (ICZN 1984c)].
- BARYMELINI Bechyné, 1948: 295 [stem: *Barymel*-]. Type genus: *Barymela* Weise, 1910.
- DORYPHORINI Bechyné, 1950a: 115, in key [stem: *Doryphor*-]. Type genus: *Doryphora* Illiger, 1807. Comment: family-group name proposed as new without reference to DORYPHORES Motschulsky, 1860.
- MONARDITINI Bechyné, 1953: 85 [stem: *Monardit*-]. Type genus: *Monardita* Bechyné, 1948.
- OREININI Bechyné, 1958: 218, nota [stem: *Orein*-]. Type genus: *Oreina* Chevrolat, 1836. Comment: the older name OREININI Bleeker, 1863 (type genus *Oreinus* M'Clelland, 1839) is available in Pisces; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).
- \*PHYTODECTINI Bechyné, 1980: 58 [stem: *Phytodect*-]. Type genus: *Phytodecta* Kirby, 1837 [syn. of *Gonioctena* Chevrolat, 1836]. Comment: unavailable

family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

HISPOSTOMINI Daccordi, 1981: 181, in key [stem: *Hispostomat-*]. Type genus: *Hispostoma* Weise, 1907. Comment: incorrect original stem formation, not in prevailing usage.

SPHAERATRIXINI Daccordi, 1981: 181, in key [stem: *Sphaeratrix-*]. Type genus: *Sphaeratrix* Gistel, 1848. Comment: the correct stem based on *Sphaeratrix* is unclear since Gistel did not specify the etymology of his genus therefore we accept the original stem as correct.

\*GASTROPHYSINA Steinhausen, 2001: 47 [stem: *Gastrophys-*]. Type genus: *Gastrophysa* Chevrolat, 1836. Comment: unavailable family-group name, proposed after 1999 without explicit intention (Art. 16.1).

GASTROPHYSINA Kippenberg, 2010a: 68 [stem: *Gastrophys-*]. Type genus: *Gastrophysa* Chevrolat, 1836.

### Tribe TIMARCHINI Motschulsky, 1860

TIMARCHAEINES Motschulsky, 1860: 187 [stem: *Timarch-*]. Type genus: *Timarcha* Samouelle, 1819. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gerstaecker (1862: 405, as TIMARCHAE), generally accepted as in Burakowski et al. (1990: 115, as TIMARCHINI); incorrect original stem formation, not in prevailing usage.

### Subfamily GALERUCINAE Latreille, 1802

GALERUCAE Latreille, 1802: 228 [stem: *Galeruc-*]. Type genus: *Galeruca* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

### Tribe ALTICINI Newman, 1834

HALTICITES Newman, 1834: 421 [stem: *Altic-*]. Type genus: *Altica* Geoffroy, 1762 [as *Haltica*, unjustified emendation of type genus name by Illiger (1801), not in prevailing usage; *Altica* placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: incorrect original stem formation, not in prevailing usage.

HESPERIDAE Swainson, 1840: 310 [stem: *Hesper-*]. Type genus: *Hespera* Weise, 1889.

LONGITARSES Maehler, 1850: 7 [stem: *Longitars-*]. Type genus: *Longitarsus* Latreille, 1829.

PLECTROSCELIDES C. G. Thomson, 1866: 213 [stem: *Plectroscelid-*]. Type genus: *Plectroscelis* Chevrolat, 1836. Comment: incorrect original stem formation, not in prevailing usage.

\*ACROCRYPTITES Chapuis, 1875: 36 [stem: *Acrocrypt-*]. Type genus: *Acrocrypta* Baly, 1862. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875); ACROCRYPTIDAE was used as valid by Ienistea (1986: 31) but it was

- not attributed to Chapuis (1875); *Ienistea*'s name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- \**AMPHIMÉLITES* Chapuis, 1875: 34 [stem: *Amphimel-*]. Type genus: *Amphimela* Chapuis, 1875. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently used in latinized form and treated as valid.
- APHTHONITES* Chapuis, 1875: 69 [stem: *Aphthon-*]. Type genus: *Aphthona* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte and G. H. Horn (1883: 352, as *APHTHONAE*), generally accepted as in Bechyné (1968: 1708, as *APHTHONINI*).
- ARSIPODITES* Chapuis, 1875: 37 [stem: *Arsipod-*]. Type genus: *Arsipoda* Erichson, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte and G. H. Horn (1883: 353, as *ARSIPODES* [treated as Latin]), generally accepted as in Bechyné and Špringlová de Bechyné (1973: 26, as *ARSIPODINI*).
- ASPICÉLITES* Chapuis, 1875: 75 [stem: *Aspicel-*]. Type genus: *Aspicela* Dejean, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in G. H. Horn (1889: 166, as *ASPICELAE*).
- BLÉPHARIDITES* Chapuis, 1875: 26 [stem: *Blepharid-*]. Type genus: *Blepharida* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte and G. H. Horn (1883: 350, as *BLEPHARIDAE* [incorrect stem formation]), generally accepted as in Bechyné (1968: 1724, as *BLEPHARIDINI*).
- CRÉPIDODÉRITES* Chapuis, 1875: 51 [stem: *Crepidoder-*]. Type genus: *Crepidodera* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in J. L. LeConte and G. H. Horn (1883: 350, as *CREPIDODERAE*).
- \**DIAMPHIDIITES* Chapuis, 1875: 24 [stem: *Diamphidi-*]. Type genus: *Diamphidia* Gerstaecker, 1855. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875); *DIAMPHIDIINI* and *DIAMPHIDIIDAE* were subsequently used as valid by Bechyné (1980: 58) and *Ienistea* (1986: 31) but those names were not attributed to Chapuis (1875); Bechyné's and *Ienistea*'s names are also unavailable, they were proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- DIBOLIITES* Chapuis, 1875: 137 [stem: *Diboli-*]. Type genus: *Dibolia* Latreille, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte and G. H. Horn (1883: 350, as *DIBOLIAE*), generally accepted as in Bechyné (1997: 206, as *DIBOLIINI*).
- \**ÉLITHIITES* Chapuis, 1875: 21 [stem: *Elithi-*]. Type genus: *Elithia* Chapuis, 1875. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875); this

name was originally spelled ELITHITES in the key but ÉLITHIDES in description (both p. 21); ELITHIDAE was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1875); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

LACTICITES Chapuis, 1875: 123 [stem: *Lactic*-.]. Type genus: *Lactica* Erichson, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in J. L. LeConte and G. H. Horn (1883: 350, as LACTICAE).

MNIOPHILITES Chapuis, 1875: 129 [stem: *Mniophil*-.]. Type genus: *Mniophila* Stephens, 1831. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in J. L. LeConte and G. H. Horn (1883: 350, as MNIOPHILAE).

MONOPLATITES Chapuis, 1875: 91 [stem: *Monoplat*-.]. Type genus: *Monoplatus* Chevrolat, 1846 [this genus is usually credited to Clark, 1860, e.g., Seeno and Wilcox (1982: 141) and Linzmeier and Konstantinov (2009), but the name was first made available with a short description by Chevrolat (1846: 333); syn. of *Sphaeronychus* Dejean, 1836]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte and G. H. Horn (1883: 350, as MONOPLATI), generally accepted as in Bechyné and Špringlová de Bechyné (1975: 132, as MONOPLATINI); treated as a valid tribe and given precedence over SPHAERONYCHINI (Art. 40.1) by Linzmeier and Konstantinov (2009: 657).

\*NONARTHrites Chapuis, 1875: 141 [stem: *Nonarthr*-.]. Type genus: *Nonarthra* Baly, 1862. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875); NONARTHRIDAE was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1875); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

OEDIONYCHITES Chapuis, 1875: 81 [stem: *Oedionych*-.]. Type genus: *Oedionychis* Latreille, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte and G. H. Horn (1883: 349, as OEDIONYCHES [treated as Latin]), generally accepted as in Bechyné (1968: 1703, as OEDIONYCHINI).

OXYGONITES Chapuis, 1875: 43 [stem: *Oxygon*-.]. Type genus: *Oxygona* Chevrolat, 1847 [this genus has been attributed to “Chevrolat, 1837” (see Seeno and Wilcox 1982: 132) but the name is not available from Dejean's second and third editions of his catalogue; it was first made available by Chevrolat (1847: 368)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Jacoby (1884a: 34, as OXYGONINAE).

\*PROCALITES Chapuis, 1875: 175 [stem: *Procal*-.]. Type genus: *Procalus* Clark, 1865. Comment: original vernacular name unavailable (Art. 11.7.2): subse-

- quently used in latinized form but not generally attributed to Chapuis (1875); PROCALIDAE was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1875); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- PSYLLIODITES Chapuis, 1875: 140 [stem: *Psylliod-*]. Type genus: *Psylliodes* Latreille, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in J. L. LeConte and G. H. Horn (1883: 349, as PSYLLIODES [treated as Latin]).
- CHAETOCNEMAE J. L. LeConte and G. H. Horn, 1883: 354 [stem: *Chaetocnem-*]. Type genus: *Chaetocnema* Stephens, 1831.
- DISONYCHAE J. L. LeConte and G. H. Horn, 1883: 351 [stem: *Disonych-*]. Type genus: *Disonycha* Chevrolat, 1836.
- EUPLECTROSCELES G. H. Horn, 1889: 167, in key [stem: *Euplectroscelid-*]. Type genus: *Euplectroscelis* Crotch, 1873. Comment: incorrect original stem formation, not in prevailing usage.
- PSEUDOLAMPSES G. H. Horn, 1889: 166, in key [stem: *Pseudolampse-*]. Type genus: *Pseudolampsis* Horn, 1889. Comment: incorrect original stem formation, not in prevailing usage.
- SYSTEMAE G. H. Horn, 1889: 167, in key [stem: *System-*]. Type genus: *Systema* Chevrolat, 1836.
- LUPERALTICINI Leng, 1920: 301 [stem: *Luperaltic-*]. Type genus: *Luperaltica* Crotch, 1873.
- OCTOGONOTINI Weise, 1921: 151 [stem: *Octogonot-*]. Type genus: *Octogonotes* Drapiez, 1820.
- SERRATICOLLINI B. E. White, 1942: 17 [stem: *Serraticoll-*]. Type genus: *Serraticollis* B. E. White, 1942.
- SPHAERONYCHINI Bechyné and Špringlová de Bechyné, 1960: 7 [stem: *Sphaeronych-*]. Type genus: *Sphaeronychus* Dejean, 1836 [*Sphaeronychus* is an incorrect subsequent spelling of *Sphraeronychus* Dejean, 1836, in prevailing usage, treated as correct original spelling (Art. 33.3.1)]. Comment: this taxon was treated as a valid tribe (which included MONOPLATINI) by Furth (2007: 90).
- DISONYCHINA Bechyné and Špringlová de Bechyné, 1966: 142, in key [stem: *Disonych-*]. Type genus: *Disonycha* Chevrolat, 1836. Comment: family-group name proposed as new without reference to DISONYCHAE J. L. LeConte and G. H. Horn, 1883.
- CACOSCELINI Bechyné, 1968: 1715 [stem: *Cacoscelid-*]. Type genus: *Cacoscelis* Chevrolat, 1836. Comment: CACOSCELINI J. Thomson, 1861 (type genus *Cacosceles* Newman, 1838) is available in CERAMBYCIDAE and used as valid; the correct stem *Cacoscelid-* should be used for the alticine name in the future in order to avoid homonymy with the cerambycid name.
- \*HERMAEOPHAGINA Bechyné, 1968: 1698 [stem: *Hermaphag-*]. Type genus: *Hermaphaga* Foudras, 1859. Comment: unavailable family-group name,



- proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- LONGITARSINI Bechyné, 1968: 1708 [stem: *Longitars-*]. Type genus: *Longitarsus* Latreille, 1829. Comment: family-group name proposed as new without reference to LONGITARSES Maehler, 1850.
- LYPNEINA Bechyné, 1968: 1717 [stem: *Lypne-*]. Type genus: *Lypnea* Baly, 1876.
- PODAGRICINI Bechyné, 1968: 1718 [stem: *Podagric-*]. Type genus: *Podagric* Chevrolat, 1836.
- \*SPHAERODERMINI Bechyné, 1968: 1702 [stem: *Sphaerodermat-*]. Type genus: *Sphaeroderma* Stephens, 1831. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.
- WITTMERALTICINA Bechyné, 1968: 1717 [stem: *Wittmeraltic-*]. Type genus: *Wittmeraltica* Bechyné, 1956.
- PSILAPHINA Bechyné and Špringlová de Bechyné, 1973: 27, in key [stem: *Psilaph-*]. Type genus: *Psilapha* Clark, 1865.
- DIPHAULACINI Bechyné and Špringlová de Bechyné, 1975: 116 [stem: *Diphaulac-*]. Type genus: *Diphaulaca* Chevrolat, 1836.
- MANOBIINI Bechyné and Špringlová de Bechyné, 1975: 132, in key [stem: *Manobi-*]. Type genus: *Manobia* Jacoby, 1885.
- MARCAPATIINI Bechyné and Špringlová de Bechyné, 1975: 131 [stem: *Marcapati-*]. Type genus: *Marcapatia* Bechyné, 1958.
- MONOMACRINA Bechyné and Špringlová de Bechyné, 1975: 27 [stem: *Monomacr-*]. Type genus: *Monomacra* Chevrolat, 1836.
- SYSTEMINI Bechyné and Špringlová de Bechyné, 1975: 132, in key [stem: *System-*]. Type genus: *Systema* Chevrolat, 1836. Comment: family-group name proposed as new without reference to SYSTEMAE G. H. Horn, 1889.
- \*PHYGASIINI Bechyné, 1980: 58 [stem: *Phygasi-*]. Type genus: *Phygasia* Dejean, 1836. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- \*OCNOSCELINA Seeno and Wilcox, 1982: 127 [stem: *Ocnoscelid-*]. Type genus: *Ocnoscelis* Erichson, 1847. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.
- HERMAEOPHAGINA Bechyné, 1997: 116 [stem: *Hermaphag-*]. Type genus: *Hermaphaga* Foudras, 1859.
- OCNOSCELINA Bechyné, 1997: 124 [stem: *Ocnoscelid-*]. Type genus: *Ocnoscelis* Erichson, 1847. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe DECARTHROCERINI Laboissière, 1937**

- DECARTHROCERINA Laboissière, 1937: 29 [stem: *Decarthrocer-*]. Type genus: *Decarthrocera* Laboissière, 1937.

**Tribe GALERUCINI Latreille, 1802**

GALERUCAE Latreille, 1802: 228 [stem: *Galeruc-*]. Type genus: *Galeruca* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

COELOMERITES Chapuis, 1875: 196 [stem: *Coelomer-*]. Type genus: *Coelomera* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Leng (1920: 296, as COELOMERINI), generally accepted as in Riley et al. (2002: 639, as COELOMERITES [treated as Latin]).

ATYSITES Chapuis, 1875: 192 [stem: *Atys-*]. Type genus: *Atysa* Baly, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Leng (1920: 296, as ATYSINI), generally accepted as in Riley et al. (2002: 639, as ATYSITES [treated as Latin]).

APOPHYLIITES Chapuis, 1875: 182 [stem: *Apophyli-*]. Type genus: *Apophylia* Duponchel and Chevrolat, 1841 [this genus name has been attributed to “J. Thomson, 1858”, e.g., Bezdek (2003: 71), however it was made available for the first time with a description by Duponchel and Chevrolat (1841: 31)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1923: 124, as APOPHYDIINI [incorrect stem formation]), generally accepted as in Seeno and Wilcox (1982: 96, as APOPHYLIITES [treated as Latin]).

RUPILIITES Chapuis, 1875: 213 [stem: *Rupili-*]. Type genus: *Rupilia* Clark, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Jacoby (1899: 83, as RUPILINAE [incorrect stem formation]).

SCHEMATIZITES Chapuis, 1875: 195 [stem: *Schematiz-*]. Type genus: *Schematiza* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Wilcox (1971: 101, as SCHEMATIZITES [treated as Latin]), generally accepted as in Riley et al. (2002: 639, as SCHEMATIZITES [treated as Latin]).

MOMBASICITES Laboissière, 1922: 230 [stem: *Mombasic-*]. Type genus: *Mombasica* Fairmaire, 1888.

CHORINI Weise, 1923: 124 [stem: *Chorin-*]. Type genus: *Chorina* Baly, 1866. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Weise (1924: 179).

LEPTOSONYCHINI Weise, 1924: 180 [stem: *Leptosonych-*]. Type genus: *Leptosonyx* Weise, 1885.

THEONINA Laboissière, 1934: 7, in key [stem: *Theon-*]. Type genus: *Theone* Gistel, 1857.

**Tribe HYLASPINI Chapuis, 1875**

HYLASPITES Chapuis, 1875: 237 [stem: *Hylasp-*]. Type genus: *Hylaspes* Baly, 1865. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Laboissière (1934: 8, as HYLASPINA), generally accepted as in

- Silfverberg (1990: 120, as HYLASPINI); First Reviser found (HYLASPINI Chapuis, 1875 vs AGELASTICINI Chapuis, 1875) is Silfverberg (1990: 120).
- SERMYLITES Chapuis, 1875: 224 [stem: *Sermyl-*]. Type genus: *Sermyla* Chapuis, 1875 [preoccupied genus name, not *Sermyla* Walker 1854 [Lepidoptera], not *Sermyla* Adams, 1854 [Mollusca]; syn. of *Sermylassa* Reitter, 1912]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jacoby (1884a: 64, as SERMYLINAE), generally accepted as in Seeño and Wilcox (2002: 104, as SERMYLITES [treated as Latin]); permanently invalid (Art. 39): based on preoccupied type genus.
- ANTIPHITES Chapuis, 1875: 232 [stem: *Antiph-*]. Type genus: *Antipha* Baly, 1865 [preoccupied genus name, not *Antipha* Walker, 1855 [Lepidoptera]; syn. of *Dercetina* Gressitt and Kimoto, 1963]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Seeño and Wilcox (1982: 103, as ANTIPHITES [treated as Latin]); permanently invalid (Art. 39): based on preoccupied type genus.
- AGELASTICITES Chapuis, 1875: 167 [stem: *Agelastic-*]. Type genus: *Agelastica* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1903a: 209, as AGELASTICITES [treated as Latin]), generally accepted as in Burakowski et al. (1991: 23, as AGELASTICINI).
- AGELASINI Leng, 1920: 298 [stem: *Agelas-*]. Type genus: *Agelasa* sensu Horn, 1893 [not *Agelasa* Motschulsky, 1860; syn. of *Sermylassa* Reitter, 1912]. Comment: based on a misidentified type genus.
- BONESIITES Laboissière, 1926: 91 [stem: *Bonesi-*]. Type genus: *Bonesia* Baly, 1865.
- CAPULINI Ogloblin, 1936: 341 [stem: *Capul-*]. Type genus: *Capula* Jakobson, 1925.
- GALLERUCIDINI Gressitt and Kimoto, 1963: 390, in key [stem: *Gallerucid-*]. Type genus: *Gallerucida* Motschulsky, 1861.
- SERMYLASSINI Mroczkowski, 1991: 22 [stem: *Sermylass-*]. Type genus: *Sermylassa* Reitter, 1912. Comment: replacement name for SERMYLITES Chapuis, 1875 and AGELASINI Leng, 1920 because of the homonymy of the type genus.

### Tribe LUPERINI Gistel, 1848

- LUPERIIDAE Gistel, 1848: [9] [stem: *Luper-*]. Type genus: *Luperus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)]. Comment: name previously attributed to Chapuis (1875) in the literature; also see Beenen (2010: 464) for an alternative classification within this tribe; incorrect original stem formation, not in prevailing usage.
- AULACOPHORITES Chapuis, 1875: 158 [stem: *Aulacophor-*]. Type genus: *Aulacophora* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Laboissière (1934: 8, as AULACOPHORINA), generally accepted as in Seeño and Wilcox (1982: 97, as AULACOPHORITES [treated as Latin]).

- DIABROTICITES Chapuis, 1875: 165 [stem: *Diabrotic*-.]. Type genus: *Diabrotica* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Leng (1920: 297, as DIABROTICINI), generally accepted as in Riley et al. (2002: 639, as DIABROTICINA).
- CÉROTOMITES Chapuis, 1875: 229 [stem: *Cerotom*-.]. Type genus: *Cerotoma* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Leng (1920: 298, as CEROTOMINI), generally accepted as in Riley et al. (2002: 639, as CEROTOMITES [treated as Latin]).
- PLATYXANTHITES Chapuis, 1875: 243 [stem: *Platyxanth*-.]. Type genus: *Platyxantha* Baly, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Jacoby (1884b: 226, as PLATYXANTHINAE).
- \*THÉOPÉITES Chapuis, 1875: 241 [stem: *Theope*-.]. Type genus: *Theopea* Baly, 1864. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875); THEOPEIDAE was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1875); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); THEOPEINA Clench, 1955 (type genus *Theope* Doubleday, 1847) is available in Lepidoptera.
- SCELIDITES Chapuis, 1875: 184 [stem: *Scelid*-.]. Type genus: *Scelida* Chapuis, 1875. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jacoby (1884a: 62, as SCELIDINAE), generally accepted as in Riley et al. (2002: 639, as SCELIDITES [treated as Latin]).
- PHYLLOBROTICITES Chapuis, 1875: 163 [stem: *Phyllobrotic*-.]. Type genus: *Phyllobrotica* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Leng (1920: 297, as PHYLLOBROTICINI), generally accepted as in Riley et al. (2002: 639, as PHYLLOBROTICITES [treated as Latin]).
- \*AGETOCÉRITES Chapuis, 1875: 177 [stem: *Agetocer*-.]. Type genus: *Agetocera* Hope, 1831 [*Agetocera* is an unjustified emendation of the original genus name *Aegelocerus* Hope, 1831 by Hope (1840a: 170); because *Agetocera* is in prevailing usage and has been attributed to the original author and date, e.g. Bezděk (2010a: 73, 2010c: 464) it is treated here as a justified emendation (Art. 33.2.3.1)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875); AGETOCERIDAE was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1875); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- MIMASTRITES Chapuis, 1875: 178 [stem: *Mimastr*-.]. Type genus: *Mimastra* Baly, 1865. Comment: original vernacular name available (Art. 11.7.2): first used in

- latinized form by Jacoby (1884a: 67, as MIMASTRINAE), generally accepted as in Weise (1903b: 334, as MIMASTRITES [treated as Latin]).
- ORNITHOGNATHITES Chapuis, 1875: 176 [stem: *Ornithognath-*]. Type genus: *Ornithognathus* J. Thomson, 1858. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Harold (1877: 110, as ORNITHOGNATHINAE), generally accepted as in Seeno and Wilcox (1982: 97, as ORNITHOGNATHITES [treated as Latin]).
- MONOLEPTITES Chapuis, 1875: 234 [stem: *Monolept-*]. Type genus: *Monolepta* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jacoby (1884a: 61, as MONOLEPTINAE), generally accepted as in Riley et al. (2002: 639, as MONOLEPTITES [treated as Latin]).
- CEROPHYSITES Chapuis, 1875: 181 [stem: *Cerophys-*]. Type genus: *Cerophysa* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Seeno and Wilcox (1982: 97, as CEROPHYSIDES [treated as Latin]).
- PHYLLECTHRITES G. H. Horn, 1893: 60, in key [stem: *Phyllecthr-*]. Type genus: *Phyllecthris* Dejean, 1836.
- RHAPHIDOPALPINI Weise, 1902: 140 [stem: *Raphidopalp-*]. Type genus: *Raphidopalpa* Chevrolat, 1836 [as *Rhaphidopalpa*, unjustified emendation of type genus name by Rosenhauer (1856: 325), not in prevailing usage; syn. of *Aulacophora* Chevrolat, 1836]. Comment: incorrect original stem formation, not in prevailing usage.
- ANDROLYPERINI Leng, 1920: 298 [stem: *Androlyper-*]. Type genus: *Androlyperus* Crotch, 1873.
- IDACANTHITES Laboissière, 1921: 63 [stem: *Idacanth-*]. Type genus: *Idacantha* Fairmaire, 1869.
- HYPERACANTHITES Laboissière, 1924: 142 [stem: *Hyperacanth-*]. Type genus: *Hyperacantha* Chapuis, 1879.
- MEGALOGNATHITES Laboissière, 1926: 185 [stem: *Megalognath-*]. Type genus: *Megalognatha* Baly, 1878.
- \*EXOSOMITES Wilcox, 1965: 93 [stem: *Exosomat-*]. Type genus: *Exosoma* Jacoby, 1903. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.
- \*TRACHYSCELIDITES Wilcox, 1972: 430 [stem: *Trachyscelid-*]. Type genus: *Trachyscelida* G. H. Horn, 1893. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- \*ADOXIITES Wilcox, 1973: 433 [stem: *Adoxi-*]. Type genus: *Adoxia* Broun, 1880. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- \*EUMELEPTITES Wilcox, 1973: 447 [stem: *Eumelept-*]. Type genus: *Eumelepta* Jacoby, 1892. Comment: unavailable family-group name, proposed after 1930

without description or bibliographic reference to such a description (Art. 13.1).

\*XENODITES Wilcox, 1973: 604 [stem: *Xenod-*]. Type genus: *Xenoda* Baly, 1877. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

\*DORYSCITES Wilcox, 1973: 606 [stem: *Dorysc-*]. Type genus: *Doryscus* Jacoby, 1887. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### **Tribe METACYCLINI Chapuis, 1875**

MÉTACYCLITES Chapuis, 1875: 212 [stem: *Metacycl-*]. Type genus: *Metacycla* Baly, 1861. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Leng (1920: 298, as METACYCLINI), generally accepted as in Riley et al. (2002: 639, as METACYCLINI).

STICTOCEMITES Laboissière, 1922: 220 [stem: *Stictocem-*]. Type genus: *Stictocema* Jacoby, 1906.

\*EXORINI Wilcox, 1965: 179 [stem: *Exor-*]. Type genus: *Exora* Chevrolat, 1836. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### **Tribe OIDINI Laboissière, 1921 (1875)**

ADORITES Chapuis, 1875: 155 [stem: *Adori-*]. Type genus: *Adorium* Fabricius, 1801 [syn. of *Oides* Weber, 1801]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lea (1925: 16, as ADORITES [treated as Latin]); usage of younger name OIDINI Laboissière, 1921 conserved (Art. 40.2).

OÏDITES Laboissière, 1921: 38 [stem: *Oid-*]. Type genus: *Oides* Weber, 1801. Comment: usage of this name conserved over ADORINI Chapuis, 1875 (Art. 40.2).

### **Subfamily LAMPROSOMATINAE Lacordaire, 1848**

LAMPROSOMIDEAE Lacordaire, 1848: 559 [stem: *Lamprosomat-*]. Type genus: *Lamprosoma* Kirby, 1819.

### **Tribe LAMPROSOMATINI Lacordaire, 1848**

LAMPROSOMIDEAE Lacordaire, 1848: 559 [stem: *Lamprosomat-*]. Type genus: *Lamprosoma* Kirby, 1819. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe NEOCHLAMYSINI Monrós, 1959**

NEOCHLAMYSINI Monrós, 1959b: 29 [stem: *Neochlamys-*]. Type genus: *Neochlamys* Jacoby, 1882. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Neochlamyd-*).



**Tribe SPHAEROCHARINI Chapuis, 1874**

SPHOEROCHARIDES Chapuis, 1874: 206 [stem: *Sphaerochar-*]. Type genus: *Sphaerocharis* Lacordaire, 1848 [as *Sphoerocharis*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 248, as SPHAEROCHARINI), generally accepted as in Monrós (1956: 32, as SPHAEROCHARINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Sphaerocharit-*).

**Subfamily CRYPTOCEPHALINAE Gyllenhal, 1813**

CRYPTOCEPHALOIDEAE Gyllenhal, 1813: 582 [stem: *Cryptocephal-*]. Type genus: *Cryptocephalus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

**Tribe CLYTRINI Kirby, 1837**

CLYTHRIDAE Kirby, 1837: 207 [stem: *Clytr-*]. Type genus: *Clytra* Laicharting, 1781 [as *Clythra*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

MEGALOSTOMIDEAE Lacordaire, 1848: 486 [stem: *Megalostomid-*]. Type genus: *Megalostomis* Chevrolat, 1836. Comment: incorrect original stem formation, not in prevailing usage.

BABIDEAE Lacordaire, 1848: 394 [stem: *Babi-*]. Type genus: *Babia* Chevrolat, 1836. Comment: incorrect original stem formation, not in prevailing usage.

ISCHIOPACHITES Chapuis, 1874: 151 [stem: *Ischiopache-*]. Type genus: *Ischiopachys* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jacoby and Clavareau (1906: 75, as ISCHIOPACHITAE), generally accepted as in Riley et al. (2002: 639, as ISCHIOPACHINA); incorrect original stem formation, not in prevailing usage.

MELOLONTHINI Bedel, 1891: 106 [stem: *Melolonth-*]. Type genus: *Melolontha* Geoffroy, 1762 [preoccupied genus name, not *Melolontha* Fabricius, 1775 [Coleoptera: SCARABAEIDAE]; placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1994a); syn. of *Clytra* Laicharting, 1781]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

EOCLYTRINI Monrós, 1958b: 35 [stem: *Eoclytr-*]. Type genus: *Eoclytra* Monrós, 1958.

ARATEINI Moldenke, 1981: 85, in key [stem: *Arate-*]. Type genus: *Aratea* Lacordaire, 1848.

**Tribe CRYPTOCEPHALINI Gyllenhal, 1813**

CRYPTOCEPHALOIDEAE Gyllenhal, 1813: 582 [stem: *Cryptocephal-*]. Type genus: *Cryptocephalus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

**Subtribe ACHAENOPINA Chapuis, 1874**

ACHAENOPITES Chapuis, 1874: 171 [stem: *Achaenop*]. Type genus: *Achaenops* Suffrian, 1857. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Clavareau (1913b: 109, as ACHAENOPINI).

**Subtribe CRYPTOCEPHALINA Gyllenhal, 1813**

CRYPTOCEPHALOIDEAE Gyllenhal, 1813: 582 [stem: *Cryptocephal*]. Type genus: *Cryptocephalus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

**Subtribe MONACHULINA Leng, 1920**

\*MONACHIDEN Suffrian, 1863: 79 [stem: *Monach*]. Type genus: *Monachus* Chevrolat, 1836 [preoccupied genus name, not *Monachus* Fleming, 1822 [Mammalia], not *Monachus* Kaup, 1829 [Aves]; syn. of *Lexiphanes* Gistel, 1848]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Suffrian (1863).

MONACHITES Chapuis, 1874: 172 [stem: *Monach*]. Type genus: *Monachus* Chevrolat, 1836 [preoccupied genus name, not *Monachus* Fleming, 1822 [Mammalia], not *Monachus* Kaup, 1829 [Aves]; syn. of *Lexiphanes* Gistel, 1848]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte and G. H. Horn (1883: 342, as MONACHI), generally accepted as in Liu (1935: 286, as MONACHINI); permanently invalid (Art. 39): based on preoccupied type genus; MONACHINAE Trouessart, 1897 (type genus *Monachus* Fleming, 1822) is available in Mammalia.

MONACHULINI Leng, 1920: 290 [stem: *Monachul*]. Type genus: *Monachulus* Leng, 1918 [syn. of *Lexiphanes* Gistel, 1848].

**Subtribe PACHYBRACHINA Chapuis, 1874**

\*PACHYBRACHIDEN Suffrian, 1863: 79 [stem: *Pachybrach*]. Type genus: *Pachybrachis* Chevrolat, 1836. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Suffrian (1863).

PACHYBRACHITES Chapuis, 1874: 163 [stem: *Pachybrach*]. Type genus: *Pachybrachis* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte and G. H. Horn (1883: 342, as PACHYBRACHI), generally accepted as in Burakowski et al. (1990: 63, as PACHYBRACHINI).

**Subtribe STYLOSOMINA Chapuis, 1874**

STYLOSOMITES Chapuis, 1874: 162 [stem: *Stylosom*]. Type genus: *Stylosomus* Suffrian, 1848. Comment: original vernacular name available (Art. 11.7.2):

first used in latinized form by Sharp (1876: 99, as *STYLOSOMITES* [treated as Latin]), generally accepted as in Liu (1935: 292, as *STYLOSOMINI*).

### Tribe FULCIDACINI Jakobson, 1924

\*CHLAMYTES Blanchard, 1845b: 186 [stem: *Chlamyd-*]. Type genus: *Chlamys* Knoch, 1801 [preoccupied genus name, not *Chlamys* Bolten, 1798 [Mollusca]; syn. of *Chlamisus* Rafinesque, 1815]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1845b); incorrect original stem formation, not in prevailing usage.

CHLAMYDEAE Lacordaire, 1848: 636 [stem: *Chlamyd-*]. Type genus: *Chlamys* Knoch, 1801 [preoccupied genus name, not *Chlamys* Bolten, 1798 [Mollusca]; syn. of *Chlamisus* Rafinesque, 1815]. Comment: incorrect original stem formation, not in prevailing usage; permanently invalid (Art. 39): based on preoccupied type genus.

FULCIDACINA Jakobson, 1924: 239 [stem: *Fulcidac-*]. Type genus: *Fulcidax* Clavareau, 1913 [for comments on the authorship of this genus see Bezděk (2010b: 76); syn. of *Poropleura* Lacordaire, 1848]. Comment: we use FULCIDACINI Jakobson, 1924 as valid for this taxon as in Bezděk (2010b: 76).

CHLAMISINAE Gressitt, 1946: 84 [stem: *Chlamis-*]. Type genus: *Chlamisus* Rafinesque, 1815. Comment: replacement name for CHLAMYDINAE Lacordaire, 1848 because of the homonymy of the type genus.

### Subfamily EUMOLPINAE Hope, 1840

EUMOLPIDAE Hope, 1840a: 162 [stem: *Eumolp-*]. Type genus: *Eumolpus* Kugelann, 1798 [an application to suppress *Eumolpus* Kugelann, 1798 and conserve *Eumolpus* Weber, 1801 was recently submitted to the Commission by Moseyko et al. (2010)].

### Tribe BROMIINI Baly, 1865 (1863)

ADOXINAE Baly, 1863: 146 [stem: *Adox-*]. Type genus: *Adoxus* Kirby, 1837 [syn. of *Bromius* Chevrolat, 1836]. Comment: use of younger name BROMIINI Baly, 1865 conserved over this name (Art. 40.2).

HETERASPINAE Baly, 1863: 147 [stem: *Heteraspid-*]. Type genus: *Heteraspis* Chevrolat, 1836 [this genus (incorrectly attributed to “Chevrolat, 1837”) has been treated as a synonym of *Scelodonta* Westwood, 1837 in the literature; *Heteraspis* was in fact made available by Chevrolat (1836: 413) and is a senior synonym of *Scelodonta* Westwood, 1837 (also see Löbl 2010: 83)]. Comment: although this is the oldest name for the tribe, we recommend that an application be sent to the Commission in order to conserve usage of BROMIINI Baly, 1865; incorrect original stem formation, not in prevailing usage.

BROMIINAE Baly, 1865: 438 [stem: *Bromi-*]. Type genus: *Bromius* Chevrolat, 1836 [an application to conserve *Bromius* Chevrolat, 1836, threatened by the older name *Eumolpus* Kugelann, 1798, was recently submitted to the Commission

- by Moseyko et al. (2010)]. Comment: use of family-group name conserved over ADOXIINI Baly, 1863 (Art. 40.2).
- MYOCHROINAE Baly, 1865: 433 [stem: *Myochro-*]. Type genus: *Myochrous* Erichson, 1847.
- LEPROTITES Chapuis, 1874: 268 [stem: *Leprotet-*]. Type genus: *Leprotetes* Baly, 1863 [syn. of *Fidia* Motschulsky, 1860]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Lefèvre (1885: 71, as LEPROTITAE), generally accepted as in Riley et al. (2002: 639, as LEPROTITES [treated as Latin]); incorrect original stem formation, not in prevailing usage.
- PSEUDOCOLASPITES Chapuis, 1874: 287 [stem: *Pseudocolaspid-*]. Type genus: *Pseudocolaspis* Laporte, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 84, as PSEUDOCOLASPITAE); incorrect original stem formation, not in prevailing usage.
- SCELODONTITES Chapuis, 1874: 266 [stem: *Scelodont-*]. Type genus: *Scelodonta* Westwood, 1838 [syn. of *Heteraspis* Chevrolat, 1836]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Lefèvre (1885: 67, as SCELODONTITAE), generally accepted as in Riley et al. (2002: 639, as SCELODONTITES [treated as Latin]).
- TOMYRITES Chapuis, 1874: 264 [stem: *Tomyri-*]. Type genus: *Tomyris* Chapuis, 1874 [preoccupied genus name, not *Tomyris* Eichald, 1831 [Reptilia]; syn. of *Eboo* Reid, 1993]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 64, as TOMYRITAE); permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.
- \*GONIOPLEURITES Chapuis, 1875: 247 [stem: *Goniopleur-*]. Type genus: *Goniopleura* Westwood, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875); GONIOPLEURIDAE was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1875); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); usage of the name GONIOPLEURIDAE dates back at least to the 1850's in Trilobita, however it is based on the junior homonym *Goniopleura* Hawle and Corda 1847 and the trilobite family-group name is therefore permanently invalid (Art. 39).
- EUBRACHINI Jacoby, 1908: 432 [stem: *Eubrach-*]. Type genus: *Eubraxis* sensu Baly, 1878 [not *Eubraxis* Dejean, 1836; syn. of *Macrocoma* Chapuis, 1874]. Comment: based on misidentified type genus.
- NERISSINI Kuntzen, 1912: 42 [stem: *Neriss-*]. Type genus: *Nerissus* Chapuis, 1874.
- CYNOINI Clavareau, 1914: 109 [stem: *Cynoi-*]. Type genus: *Cyno* T. A. Marshall, 1865. Comment: incorrect original stem formation, not in prevailing usage.
- ODONTIONOPINI Clavareau, 1914: 63 [stem: *Odontionop-*]. Type genus: *Odontionopa* Erichson, 1842 [preoccupied genus name, not *Odontionopa* Chevrolat,

1836 [Coleoptera: CHRYSOMELIDAE: EUMOLPINAE: EURYOPINI]; syn. of *Eboo* Reid, 1993]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

TRICHOCHRYSEINI Clavareau, 1914: 82 [stem: *Trichochryse*-]. Type genus: *Trichochrysea* Baly, 1861.

LYPESTHINI Chûjô, 1956: 87 [stem: *Lypesthet*-]. Type genus: *Lypesthes* Baly, 1863 [conservation of usage of this name over *Fidia* Motschulsky, 1860 rejected by Commission (ICZN 2009c); syn. of *Fidia* Motschulsky, 1860]. Comment: name proposed to replace LEPROTINI Chapuis, 1874 because of the synonymy of the type genus; incorrect original stem formation, not in prevailing usage.

EBOOINA Reid, 1993: 61 [stem: *Eboo*-]. Type genus: *Eboo* Reid, 1993. Comment: replacement name for TOMYRITES Chapuis, 1874 because of the homonymy of the type genus.

### Tribe CARYONODINI Bechyné, 1951

CARYONODINI Bechyné, 1951: 265 [stem: *Caryonod*-]. Type genus: *Caryonoda* Bechyné, 1951.

### Tribe CUBISPINI Monrós, 1954

CUBISPINI Monrós, 1954: 26 [stem: *Cubisp*-]. Type genus: *Cubispa* Barber, 1946.

### Tribe EUMOLPINI Hope, 1840

EUMOLPIDAE Hope, 1840a: 162 [stem: *Eumolp*-]. Type genus: *Eumolpus* Kugelann, 1798 [an application to suppress *Eumolpus* Kugelann, 1798 and conserve *Eumolpus* Weber, 1801 was recently submitted to the Commission by Moseyko et al. (2010)]. Comment: First Reviser (EUMOLPINI Hope, 1840 vs COLASPIDINI Hope, 1840) not determined, current usage maintained.

COLASPIDAE Hope, 1840a: 163 [stem: *Colaspid*-]. Type genus: *Colaspis* Fabricius, 1801. Comment: incorrect original stem formation, not in prevailing usage.

CORYNODINA T. A. Marshall, 1865: 29 [stem: *Corynod*-]. Type genus: *Corynodes* Hope, 1840 [syn. of *Platycorynus* Chevrolat, 1836].

CHALCOPHANITES Chapuis, 1874: 256 [stem: *Chalcophan*-]. Type genus: *Chalcophana* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 50, as CHALCOPHANITAE).

EDUSITES Chapuis, 1874: 306 [stem: *Edus*-]. Type genus: *Edusa* Chapuis, 1874 [preoccupied genus name, not *Edusa* Gistel, 1848 [Tunicata], not *Edusa* Albers, 1860 [Gastropoda] and not *Edusa* Martens 1860 [Mollusca]; syn. of *Edusella* Chapuis, 1874]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 111, as EDUSITAE); permanently invalid (Art. 39): based on preoccupied type genus.

ENDOCÉPHALITES Chapuis, 1874: 343 [stem: *Endocephal*-]. Type genus: *Endocephalus* Chevrolat, 1836. Comment: original vernacular name available (Art.

11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 154, as ENDOCEPHALITAE).

IPHIMÉITES Chapuis, 1874: 230 [stem: *Iphime*-]. Type genus: *Iphimeis* Baly, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Lefèvre (1885: 12, as IPHIMEITAE), generally accepted as in Riley et al. (2002: 639, as IPHIMEITES [treated as Latin]).

CHRYSODINITAE Lefèvre, 1885: 5 [stem: *Chrysodin*-]. Type genus: *Chrysodina* Baly, 1864 [syn. of *Spintherophyta* Dejean, 1836].

EDUSELLINI Clavareau, 1914: 121 [stem: *Edusell*-]. Type genus: *Edusella* Chapuis, 1874.

COLASPOIDINI Chen, 1940: 488 [stem: *Colaspoid*-]. Type genus: *Colaspoides* Laporte, 1833.

### Tribe EURYOPINI Chapuis, 1874

EURYOPITES Chapuis, 1874: 302 [stem: *Euryop*-]. Type genus: *Euryope* Dalman, 1824. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 108, as EURYOPITAE).

ODONTIONOPITES Lefèvre, 1876: 301 [stem: *Odontionop*-]. Type genus: *Odontionopa* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 65, as ODONTIONOPITAE).

PRASOIDEINI Clavareau, 1914: 65 [stem: *Prasoide*-]. Type genus: *Prasoidea* Weise, 1907 [syn. of *Odontionopa* Chevrolat, 1836].

\*COLASPOSOMINI Bechyné, 1957: 7, 8 [stem: *Colasposomat*-]. Type genus: *Colasposoma* Laporte, 1833. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

COLASPOSOMINI Špringlová de Bechyné, 1960: 3 [stem: *Colasposomat*-]. Type genus: *Colasposoma* Laporte, 1833. Comment: incorrect original stem formation, not in prevailing usage.

### Tribe HABROPHORINI Bechyné and Špringlová de Bechyné, 1969

HABROPHORINI Bechyné and Špringlová de Bechyné, 1969: 75 [stem: *Habrophor*-]. Type genus: *Habrophora* Erichson, 1847.

### Tribe HEMYDACNINI Bechyné, 1951

HEMYDACNINI Bechyné, 1951: 91 [stem: *Hemydacn*-]. Type genus: *Hemydacne* Jacoby, 1897.

### Tribe MEGASCELIDINI Chapuis, 1874

MÉGASCÉLIDES Chapuis, 1874: 82 [stem: *Megascelid*-]. Type genus: *Megascelis* Sturm, 1826. Comment: original vernacular name available (Art. 11.7.2): first



used in latinized form by Jacoby and Clavareau (1905: 1, as MEGASCELIDAE [incorrect stem formation]), generally accepted as in Riley et al. (2002: 639, as MEGASCELIDINI); incorrect original stem formation, not in prevailing usage.

### **Tribe MERODINI Chapuis, 1874**

MERODITES Chapuis, 1874: 327 [stem: *Merod-*]. Type genus: *Meroda* Baly, 1860.

Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 128, as MERODITAE).

### **Tribe PYGOMOLPINI Bechyné, 1949**

PYGOMOLPINI Bechyné, 1949: 532 [stem: *Pygomolp-*]. Type genus: *Pygomolpus* Bechyné, 1949.

### **Tribe ROSIROIINI Bechyné, 1950**

ROSIROIINI Bechyné, 1950b: 148 [stem: *Rosiroi-*]. Type genus: *Rosiroia* Bechyné, 1950.

### **Tribe TYPOPHORINI Baly, 1865**

TYPOPHORINAE Baly, 1865: 433 [stem: *Typophor-*]. Type genus: *Typophorus* Chevrolat, 1836.

CALLISINITES Chapuis, 1874: 263 [stem: *Callisin-*]. Type genus: *Callisina* Baly, 1860. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 63, as CALLISINITAE).

MÉTACHROMITES Chapuis, 1874: 295 [stem: *Metachromat-*]. Type genus: *Metachroma* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Lefèvre (1885: 92, as METACHROMITAE), generally accepted as in Riley et al. (2002: 639, as METACHROMITES [treated as Latin]); incorrect original stem formation, not in prevailing usage.

NODOSTOMITES Chapuis, 1874: 261 [stem: *Nodostomat-*]. Type genus: *Nodostoma* Motschulsky, 1860 [syn. of *Basilepta* Baly, 1860]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 56, as NODOSTOMITAE); incorrect original stem formation, not in prevailing usage.

PAGRIITES Lefèvre, 1884: lxvii [stem: *Pagri-*]. Type genus: *Pagria* Lefèvre, 1884. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 62, as PAGRIITAE).

CHEIRIDEITAE Lefèvre, 1885: 67 [stem: *Cheiride-*]. Type genus: *Cheiridea* Baly, 1878.

NODININI Chen, 1940: 487 [stem: *Nodin-*]. Type genus: *Nodina* Motschulsky, 1858.

BASILEPTINI Chûjô, 1956: 9 [stem: *Basilept-*]. Type genus: *Basilepta* Baly, 1860. Comment: name proposed to replace NODOSTOMINI Chapuis, 1874 because of the synonymy of the type genus.

NODINI Selman, 1965: 145 [stem: *Nod-*]. Type genus: *Noda* Chevrolat, 1836 [pre-occupied genus name, not *Noda* Schellenberg 1803 [Diptera]; syn. of *Brachypnoea* Gistel, 1848]. Comment: permanently invalid (Art. 39): based on pre-occupied type genus.

#### **EUMOLPINAE *incertae sedis***

\*EUPALINI Verma et al., 2005: 164 [stem: *Eupal-*]. Type genus: *Eupales* Lefèvre, 1885 [although *Floricola* Gistel, 1848 is an older available name for this genus, almost all authors have used *Eupales* Lefèvre, 1885 in the last 125 years; we use *Eupales* Lefèvre, 1885 as valid here pending a vote on its conservation following a recent submission to the Commission by Jolivet and Verma (Bulletin of Zoological Nomenclature 2009: 204; also see Appendix 6)]. Comment: unavailable family-group name, proposed after 1999 without explicit intention (Art. 16.1); included here as “*incertae sedis*” as was done in the most recent volume of the Catalogue of Palaearctic Coleoptera (see Löbl 2010: 83); notice of a new application for the conservation of *Eupales* Lefèvre, 1885 and EUPALINI Verma et al. submitted by Jolivet and Verma was recently published in the Bulletin of Zoological Nomenclature (2009: 204; also see Appendix 6).

#### **Subfamily SPILOPYRINAE Chapuis, 1874**

SPILOPYRITES Chapuis, 1874: 259 [stem: *Spilopyr-*]. Type genus: *Spilopyra* Baly, 1860. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Lefèvre (1885: 56, as SPILOPYRITAE), generally accepted as in Reid (2000: 852, as SPILOPYRINAE); First Reviser found (SPILOPYRINAE Chapuis, 1874 vs STENOMELINAE Chapuis, 1874) is Reid (2000: 852).

STENOMÈLITES Chapuis, 1874: 421 [stem: *Stenomel-*]. Type genus: *Stenomela* Erichson, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Monrós (1958c: 146, as STENOMELINI).

HORNIBIINI Crowson, 1946: 79, in key [stem: *Hornibi-*]. Type genus: *Hornibius* Fairmaire, 1888 [syn. of *Hornius* Fairmaire, 1885].

#### **Subfamily SYNETINAE LeConte and Horn, 1883**

SYNETAE J. L. LeConte and G. H. Horn, 1883: 338 [stem: *Synet-*]. Type genus: *Syneta* Dejean, 1835.

SYNETIDAE Edwards, 1953: 29 [stem: *Synet-*]. Type genus: *Syneta* Dejean, 1835. Comment: family-group name proposed as new without reference to SYNETAE J. L. LeConte and G. H. Horn, 1883.

#### **†Subfamily PROTOSCELIDINAE Medvedev, 1968**

PROTOSCELINAE L. N. Medvedev, 1968: 155 [stem: *Protoscelid-*]. Type genus: *Protoscelis* L. N. Medvedev, 1968. Comment: incorrect original stem formation, not in prevailing usage.

**Superfamily CURCULIONOIDEA Latreille, 1802**

CURCULIONITES Latreille, 1802: 195 [stem: *Curculion-*]. Type genus: *Curculio* Linnaeus, 1758.

**Family NEMONYCHIDAE Bedel, 1882**

NEMONYCHIDAE Bedel, 1882: 3, in key [stem: *Nemonych-*]. Type genus: *Nemonyx* Redtenbacher, 1845 [placed on the Official List of Generic Names in Zoology (ICZN 2005c)]. Comment: given precedence over CIMBERIDIDAE Gozis, 1882 and placed on the Official List of Family-Group Names in Zoology (ICZN 2005c).

**Subfamily NEMONYCHINAE Bedel, 1882**

NEMONYCHIDAE Bedel, 1882: 3, in key [stem: *Nemonych-*]. Type genus: *Nemonyx* Redtenbacher, 1845 [placed on the Official List of Generic Names in Zoology (ICZN 2005c)]. Comment: placed on the Official List of Family-Group Names in Zoology (ICZN 2005c).

**Subfamily CIMBERIDINAE Gozis, 1882**

CIMBERIDAE Gozis, 1882: 58 [stem: *Cimberid-*]. Type genus: *Cimberis* Gozis, 1881 [placed on the Official List of Generic Names in Zoology (ICZN 2005c)]. Comment: CIMBERIDAE Gozis, 1882 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology and CIMBERIDIDAE Gozis, 1882 placed on the Official List of Family-Group Names in Zoology (ICZN 2005c).

**Tribe CIMBERIDINI Gozis, 1882**

RHINOMACERIDES Schönherr, 1823: column 1136 [stem: *Rhinomacr-*]. Type genus: *Rhinomacer* sensu A. G. Olivier, 1807 [not *Rhinomacer* Fabricius, 1781; syn. of *Cimberis* Gozis, 1881]. Comment: placed on the Official Index of Rejected and Invalid Family-Group Names (ICZN 2005c).

CIMBERIDAE Gozis, 1882: 58 [stem: *Cimberid-*]. Type genus: *Cimberis* Gozis, 1881 [placed on the Official List of Generic Names in Zoology (ICZN 2005c)]. Comment: CIMBERIDAE Gozis, 1882 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology and CIMBERIDIDAE Gozis, 1882 placed on the Official List of Family-Group Names in Zoology (ICZN 2005c); incorrect original stem formation, not in prevailing usage.

\*NEOCIMBERINI O'Brien and Wibmer, 1982: 3 [stem: *Neocimberid-*]. Type genus: *Neocimberis* O'Brien and Wibmer, 1982 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 2005c)]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

**Tribe DOYDIRHYNCHINI Pierce, 1916**

DOYDIRHYNCHOIDEA Pierce, 1916: 463, in key [stem: *Doydirhynch*-]. Type genus: *Doydirhynchus* Dejean, 1821.

**†Tribe KUSCHELOMACRINI Riedel, 2010**

KUSCHELOMACERINI Riedel, 2010: 31 [stem: *Kuschelomacr*-]. Type genus: *Kuschelomacer* Riedel, 2010. Comment: incorrect original stem formation, not in prevailing usage.

**Subfamily RHINORHYNCHINAE Voss, 1922**

RHINORHYNCHINI Voss, 1922: 17 [stem: *Rhinorhynch*-]. Type genus: *Rhinorhynchus* Sharp, 1882.

**Tribe MECOMACERINI Kuschel, 1994**

MECOMACERINI Kuschel, 1994: 576, in key [stem: *Mecomacer*-]. Type genus: *Mecomacer* Kuschel, 1954. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Mecomacr*-).

**Subtribe BRARINA Legalov, 2009**

BRARINA Legalov, 2009b: 208 [stem: *Brar*-]. Type genus: *Brarus* Kuschel, 1997.

**Subtribe MECOMACERINA Kuschel, 1994**

\*MECOMACERINI May, 1993: 15, in key [stem: *Mecomacer*-]. Type genus: *Mecomacer* Kuschel, 1954. Comment: unavailable family-group name, description shared with RHYNCHITOPLESINI, not unequivocal (Art. 13.1.1) (see Alonso-Zarazaga and Lyal 1999: 27).

\*RHYNCHITOPLESINI May, 1993: 15, in key [stem: *Rhynchitoplesi*-]. Type genus: *Rhynchitoplesius* Voss, 1952. Comment: unavailable family-group name, description shared with MECOMACERINI, not unequivocal (Art. 13.1.1) (see Alonso-Zarazaga and Lyal 1999: 27).

MECOMACERINI Kuschel, 1994: 576, in key [stem: *Mecomacer*-]. Type genus: *Mecomacer* Kuschel, 1954. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Mecomacr*-).

**Tribe RHINORHYNCHINI Voss, 1922**

RHINORHYNCHINI Voss, 1922: 17 [stem: *Rhinorhynch*-]. Type genus: *Rhinorhynchus* Sharp, 1882.

RHYNCHITOMACERINI May, 1993: 15, in key [stem: *Rhynchitomacr*-]. Type genus: *Rhynchitomacer* Voss, 1937. Comment: incorrect original stem formation, not in prevailing usage.

**†Subfamily SLONIKINAE Zherikhin, 1977**

SLONIKINAE Zherikhin, 1977: 179 [stem: *Slonik*–]. Type genus: *Slonik* Zherikhin, 1977.

**†Tribe SLONIKINI Zherikhin, 1977**

SLONIKINAE Zherikhin, 1977: 179 [stem: *Slonik*–]. Type genus: *Slonik* Zherikhin, 1977.

**†Tribe ULYANISCINI Legalov, 2009**

ULYANISCINI Legalov, 2009a: 128 [stem: *Ulyanisc*–]. Type genus: *Ulyanisca* Gratshev, 1998.

**†Subfamily ECCOPTARTHURINAE Arnoldi, 1977**

ECCOPTARTHURINI Arnoldi, 1977: 169 [stem: *Eccoptarthr*–]. Type genus: *Eccoptarthrus* Arnoldi, 1977.

MESOPHYLETINAE Poinar, 2006: 879 [stem: *Mesophylet*–]. Type genus: *Mesophyletis* Poinar, 2006. Comment: Poinar (2008: 262) unnecessarily revalidated this name on the basis of Art. 16.2, the criteria of availability were met in the original description in 2006 where the name of the type genus was cited.

**†Subfamily BRENTHORRHININAE Arnoldi, 1977**

BRENTHORRHININAE Arnoldi, 1977: 172 [stem: *Brenthorrhin*–]. Type genus: *Brenthorrhinus* Arnoldi, 1977. Comment: placement according to Legalov (2009c: 289).

**†Tribe BRENTHORRHININI Arnoldi, 1977**

BRENTHORRHININAE Arnoldi, 1977: 172 [stem: *Brenthorrhin*–]. Type genus: *Brenthorrhinus* Arnoldi, 1977.

**†Tribe BRENTHORRHINOIDINI Legalov, 2003**

BRENTHORRHINOIDINI Legalov, 2003: 88 [stem: *Brenthorrhinoid*–]. Type genus: *Brenthorrhinoides* Gratshev and Zherikhin, 1996.

**†Subfamily DISTENORRHININAE Arnoldi, 1977**

DISTENORRHININI Arnoldi, 1977: 170 [stem: *Distenorrhin*–]. Type genus: *Distenorrhinus* Arnoldi, 1977. Comment: placement according to Legalov (2009c: 290).

**†Subfamily EOBELINAE Arnoldi, 1977**

EOBELIDAE Arnoldi, 1977: 144 [stem: *Eobel*–]. Type genus: *Eobelus* Arnoldi, 1977. Comment: precedence (OXYCORYNOIDINAE Arnoldi, 1977 vs NANOPHYDINAE Arnoldi, 1977 vs EOBELINAE Arnoldi, 1977) given to taxon originally proposed at the higher rank (Art. 24.1).

**†Tribe EOBELINI Arnoldi, 1977**

EOBELIDAE Arnoldi, 1977: 144 [stem: *Eobel-*]. Type genus: *Eobelus* Arnoldi, 1977.

Comment: precedence (EOBELINI Arnoldi, 1977 vs PROCURCULIONINI Arnoldi, 1977) given to taxon originally proposed at the higher rank (Art. 24.1).

**†Subtribe EOBELINA Arnoldi, 1977**

EOBELIDAE Arnoldi, 1977: 144 [stem: *Eobel-*]. Type genus: *Eobelus* Arnoldi, 1977.

**†Subtribe PROCURCULIONINA Arnoldi, 1977**

PROCURCULIONINI Arnoldi, 1977: 157 [stem: *Procurculion-*]. Type genus: *Procurculio* Arnoldi, 1977. Comment: First Reviser (ECCOPTOTHORACINA Arnoldi, 1977 vs PROCURCULIONINA Arnoldi, 1977) not determined, current usage maintained.

ECCOPTOTHORACINI Arnoldi, 1977: 158 [stem: *Eccoptothorac-*]. Type genus: *Eccoptothorax* Arnoldi, 1977.

**†Tribe KARATAUCARINI Legalov, 2009**

KARATAUCARINI Legalov, 2009c: 288 [stem: *Karataucar-*]. Type genus: *Karataucar* Legalov, 2009.

**†Tribe NANOPHYDINI Arnoldi, 1977**

NANOPHYDINAE Arnoldi, 1977: 173 [stem: *Nanophyd-*]. Type genus: *Nanophydes* Arnoldi, 1977.

**†Tribe OXYCORYNOIDINI Arnoldi, 1977**

OXYCORYNOIDINAE Arnoldi, 1977: 159 [stem: *Oxycorynoid-*]. Type genus: *Oxycorynoides* Arnoldi, 1977.

**†Tribe PROBELINI Legalov, 2009**

PROBELINI Legalov, 2009c: 287 [stem: *Probel-*]. Type genus: *Probelus* Arnoldi, 1977.

**†Subfamily PALEOCARTINAE Legalov, 2003**

PALEOCARTINI Legalov, 2003: 78 [stem: *Paleocart-*]. Type genus: *Paleocartus* Legalov, 2003.

**†Tribe NEBRENTHORRHININI Legalov, 2007**

NEBRENTHORRHININA Legalov, 2007: 34 [stem: *Nebrenthorrhin-*]. Type genus: *Nebrenthorrhinus* Legalov, 2003. Comment: placement according to Legalov (2009c: 288).



**†Tribe PALEOCARTINI Legalov, 2003**

PALEOCARTINI Legalov, 2003: 78 [stem: *Paleocart-*]. Type genus: *Paleocartus* Legalov, 2003. Comment: placement according to Legalov (2009c: 288).

**†Subfamily METRIOXENOIDINAE Legalov, 2009**

METRIOXENOIDINAE Legalov, 2009c: 288 [stem: *Metrioxenoid-*]. Type genus: *Metrioxenoides* Gratshev et al., 1998.

**†Subfamily CRETONEMONYCHINAE Gratshev and Legalov, 2009**

CRETONEMONYCHINAE Gratshev and Legalov, 2009: 412 [stem: *Cretonemonych-*]. Type genus: *Cretonemonyx* Gratshev and Legalov, 2009.

**†Subfamily SELENGARHYNCHINAE Gratshev and Legalov, 2009**

SELENGARHYNCHINAE Gratshev and Legalov, 2009: 414 [stem: *Selengarhynch-*]. Type genus: *Selengarhynchus* Gratshev and Legalov, 2009.

**Family ANTHRIBIDAE Billberg, 1820**

ANTHRIBIDES Billberg, 1820a: 39 [stem: *Anthrib-*]. Type genus: *Anthribus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: placed on the Official List of Family-Group Names in Zoology and given priority over CHORAGIDAE Kirby, 1819 (ICZN 1994b).

**Subfamily ANTHRIBINAE Billberg, 1820**

ANTHRIBIDES Billberg, 1820a: 39 [stem: *Anthrib-*]. Type genus: *Anthribus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: placed on the Official List of Family-Group Names in Zoology and given priority over CHORAGIDAE Kirby, 1819 (ICZN 1994b).

**Tribe ANTHRIBINI Billberg, 1820**

ANTHRIBIDES Billberg, 1820a: 39 [stem: *Anthrib-*]. Type genus: *Anthribus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: placed on the Official List of Family-Group Names in Zoology and given priority over CHORAGIDAE Kirby, 1819 (ICZN 1994b).

BRACHYTARSINA C. G. Thomson, 1859: 128 [stem: *Brachytars-*]. Type genus: *Brachytarsus* Schönherr, 1823 [syn. of *Anthribus* Geoffroy, 1762].

BRACHYTARSINI Pierce, 1930: 22, in key [stem: *Brachytars-*]. Type genus: *Brachytarsus* Schönherr, 1823 [syn. of *Anthribus* Geoffroy, 1762]. Comment: family-group name proposed as new without reference to BRACHYTARSINA C. G. Thomson, 1859.

**Tribe BASITROPINI Lacordaire, 1865**

BASITROPIDES Lacordaire, 1865: 566 [stem: *Basitrop-*]. Type genus: *Basitropis* Jekel, 1855. Comment: original vernacular name available (Art. 11.7.2): first used in

latinized form by Stein (1868: 115, as BASITROPINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 28, as BASITROPIDINI [incorrect stem formation]); Alonso-Zarazaga and Lyal (1999: 28) used the spelling BASITROPIDINI but the same authors subsequently (2002: 4) reverted to BASITROPINI; precedence (BASITROPINI Lacordaire, 1865 vs EUGONINI Lacordaire, 1865) given to taxon originally proposed at the higher rank (Art. 24.1).

EUGONIDES Lacordaire, 1865: 569 [stem: *Eugon-*]. Type genus: *Eugonus* Schönherr, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Sharp (1873: 32, as EUGONIDES [treated as Latin]); synonymy with BASITROPINI by Alonso-Zarazaga and Lyal (2002: 4).

PHAENITHONINI Pierce, 1930: 4, in key [stem: *Phaenithon-*]. Type genus: *Phaenithon* Schönherr, 1826.

### **Tribe CORRHECERINI Lacordaire, 1865**

CORRHÉCÉRIDES Lacordaire, 1865: 547 [stem: *Corrhecer-*]. Type genus: *Corrhecerus* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Morimoto (1981: 78, as CORRHECERINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 29, as CORRHECERINI).

NESSIARINI Morimoto, 1972: 38, in key [stem: *Nessiar-*]. Type genus: *Nessiara* Pascoe, 1860.

### **Tribe CRATOPARINI LeConte, 1876**

CRATOPARES J. L. LeConte, 1876: 403 [stem: *Cratopar-*]. Type genus: *Cratoparis* Dejean, 1834 [syn. of *Euparius* Schönherr, 1823]. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Cratoparent-*).

EUPARIINI B. D. Valentine, 1960: 49, in key [stem: *Eupari-*]. Type genus: *Euparius* Schönherr, 1823. Comment: junior homonym of EUPARIINI A. Schmidt, 1910 (type genus *Euparia* Lepeletier and Serville, 1828) in SCARABAEIDAE.

### **†Tribe CRETANTHRIBINI Legalov, 2009**

CRETANTHRIBINI Legalov, 2009c: 291 [stem: *Cretanthrib-*]. Type genus: *Cretanthribus* Legalov, 2009.

### **Tribe DECATAPHANINI Lacordaire, 1865**

DÉCATAPHANIDES Lacordaire, 1865: 556 [stem: *Decataphan-*]. Type genus: *Decataphanes* Labram and Imhoff, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 289, as DECATOPHANINAE [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 30, as DECATAPHANINI).

**Tribe DISCOTENINI Lacordaire, 1865**

DISCOTÉNIDES Lacordaire, 1865: 500 [stem: *Discoten-*]. Type genus: *Discotenes* Labram and Imhoff, 1841. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pierce (1930: 4, as DISCOTENINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 30, as DISCOTENINI).

**Tribe ECELONERINI Lacordaire, 1865**

ECÉLONÉRIDES Lacordaire, 1865: 562 [stem: *Eceloner-*]. Type genus: *Ecelonerus* Schönherr, 1839. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Morimoto (1972: 38, as ECELONERINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 30, as ECELONERINI).

**Tribe ISCHNOCERINI Lacordaire, 1865**

ISCHNOCÉRIDES Lacordaire, 1865: 504 [stem: *Ischnocer-*]. Type genus: *Ischnocerus* Schönherr, 1839. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1876: 393, as ISCHNOCERI), generally accepted as in Alonso-Zarazaga and Lyal (2002: 5, as ISCHNOCERINI); the Hymenoptera name ISCHNOCERINI Clement, 1938 (type genus *Ischnoceros* Gravenhorst, 1829) is apparently unavailable.

MECONEMINI Pierce, 1930: 4, in key [stem: *Meconem-*]. Type genus: *Meconemus* Labram and Imhoff, 1838.

**Tribe GYMNOGNATHINI Valentine, 1960**

GYMNOGNATHINI B. D. Valentine, 1960: 48, in key [stem: *Gymnognath-*]. Type genus: *Gymnognathus* Schönherr, 1826.

**Tribe JORDANTHRIBINI Morimoto, 1980**

JORDANTHRIBINI Morimoto, 1980: 16 [stem: *Jordanthrib-*]. Type genus: *Jordanthribus* Zimmerman, 1938.

**Tribe MAUIINI Valentine, 1990**

MAUIINI B. D. Valentine, 1990: 235, in key [stem: *Maui-*]. Type genus: *Mauia* Blackburn, 1885.

**Tribe MECOCERINI Lacordaire, 1865**

MÉCOCÉRIDES Lacordaire, 1865: 493 [stem: *Mecocer-*]. Type genus: *Mecocerus* Schönherr, 1833 [placed on the Official List of Generic Names in Zoology (ICZN 1972); syn. of *Acanthothorax* Gaede, 1832]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 288, as MECOCERINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 31, as MECOCERINI).

PHLOEOPHILIDES Lacordaire, 1865: 517 [stem: *Phloeophil-*]. Type genus: *Phloeophilus* Schönherr, 1833. Comment: original vernacular name available (Art.

11.7.2): first used in latinized form and generally accepted as in Olliff (1891: 75, as PHLOEOPHILIDES [treated as Latin]); the older name PHLOEOPHILINI Kiesenwetter, 1863 [CLEROIDEA] was based on an unjustified emendation, the correct stem for the cleroid family-group name is *Phloiophil-*.

CAPPADOCINI Alonso-Zarazaga and Lyal, 1999: 28 [stem: *Cappadoc-*]. Type genus: *Cappadox* Alonso-Zarazaga and Lyal, 1999 [syn. of *Phloeophilus* Schönherr, 1833].

### **Tribe MYCTEINI Morimoto, 1972**

MYCTEINI Morimoto, 1972: 38, in key [stem: *Mycte-*]. Type genus: *Mycteis* Pascoe, 1860.

### **Tribe OZOTOMERINI Morimoto, 1972**

OZOTOMERINI Morimoto, 1972: 37, in key [stem: *Ozotomer-*]. Type genus: *Ozotomerus* Perroud, 1853.

### **Tribe PIESOCORYNINI Valentine, 1960**

PIESOCORYNINI B. D. Valentine, 1960: 49, in key [stem: *Piesocoryn-*]. Type genus: *Piesocorynus* Dejean, 1834.

### **Tribe PLATYRRHININI Bedel, 1882**

PLATYRRHINIDAE Bedel, 1882: 3, in key [stem: *Platyrhin-*]. Type genus: *Platyrhinus* Clairville, 1798. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe PLATYSTOMINI Pierce, 1916**

ANTHOTRIBIDAE Gistel, 1856a: 375 [stem: *Anthotrib-*]. Type genus: *Anthotribus* Gistel, 1856 [preoccupied genus name, not *Anthotribus* Hoffmann, 1803 [Coleoptera: ANTHRIBIDAE: ANTHRIBINAE: ANTHRIBINI]; syn. of *Platystomos* Schneider, 1791]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

PLATYSTOMOIDEA Pierce, 1916: 463, in key [stem: *Platystom-*]. Type genus: *Platystomos* Schneider, 1791. Comment: the type genus for this family-group name was in fact proposed as a replacement name for *Anthribus* sensu Fabricius, 1790, however it was never used in that sense subsequently (Alonso-Zarazaga and Lyal 1999: 33); an application will be submitted by MAAZ and CHCL to conserve the current concept of *Platystomos* Schneider, 1791 and its associated family-group name.

### **Tribe PROSCOPORHININI Lacordaire, 1865**

PROSCOPORHINIDES Lacordaire, 1865: 544 [stem: *Proscoporhin-*]. Type genus: *Proscoporhinus* Montrouzier, 1861. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Ienistea (1986: 32, as PROSCOPORHINIDAE [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 33, as PROSCOPORHININI).

**Tribe PTYCHODERINI Jekel, 1855**

PTYCHODERIDAE Jekel, 1855: 70 [stem: *Ptychoder-*]. Type genus: *Ptychoderes* Schönherr, 1823.

\*PHLOEOTRAGIDES Lacordaire, 1865: 486 [stem: *Phloeotrag-*]. Type genus: *Phloeotragus* Schönherr, 1823. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1865) and used as valid.

PHLOEOTRAGINAE Kolbe, 1897: 288 [stem: *Phloeotrag-*]. Type genus: *Phloeotragus* Schönherr, 1823.

**Tribe SINTORINI Lacordaire, 1865**

SINTORIDES Lacordaire, 1865: 510 [stem: *Sintor-*]. Type genus: *Sintor* Schönherr, 1839. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Morimoto (1972: 38, as SINTORINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 34, as SINTORINI).

**Tribe STENOCERINI Kolbe, 1895**

STENOCERINARUM Kolbe, 1895: 381 [stem: *Stenocer-*]. Type genus: *Stenocerus* Schönherr, 1826. Comment: STENOCERINARUM is the genitive form of STENOCERINAE and was recognized as such by Alonso-Zarazaga and Lyal (1999: 34).

ALLANDRINI Pierce, 1930: 18 [stem: *Allandr-*]. Type genus: *Allandrus* J. L. LeConte, 1876.

**Tribe TOPHODERINI Lacordaire, 1865**

TOPHODÉRIDES Lacordaire, 1865: 499 [stem: *Tophoder-*]. Type genus: *Tophoderes* Dejean, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 288, as TOPHODERINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 34, as TOPHODERINI).

**Tribe TRIGONORHININI Valentine, 1999**

TRIGONORHININI B. D. Valentine, 1999: 287, in key [stem: *Trigonorhin-*]. Type genus: *Trigonorhinus* Wollaston, 1861.

**Tribe TROPIDERINI Lacordaire, 1865**

TROPIDÉRIDES Lacordaire, 1865: 484 [stem: *Tropider-*]. Type genus: *Tropideres* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Stein (1868: 115, as TROPIDERINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 35, as TROPIDERINI); precedence (TROPIDERINI Lacordaire, 1865 vs ACORYNINI Lacordaire, 1865) given to taxon originally proposed at the higher rank (Art. 24.1).

ACORYNIDES Lacordaire, 1865: 512 [stem: *Acoryn-*]. Type genus: *Acorynus* Schönherr, 1833. Comment: original vernacular name available (Art. 11.7.2): first

used in latinized form by Kolbe (1897: 289, as ACORYNINAE), generally accepted as in Morimoto (1980: 22, as ACORYNINI).

EURMYCTERINI Pierce, 1930: 15 [stem: *Eurymycter*-.]. Type genus: *Eurymycter* J. L. LeConte, 1876.

### Tribe XENOCERINI Lacordaire, 1865

XÉNOCERIDES Lacordaire, 1865: 558 [stem: *Xenocer*-.]. Type genus: *Xenocerus* Schönherr, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 235, as XENOCERINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 35, as XENOCERINI).

### Tribe XYLINADINI Lacordaire, 1865

XYLINADIDES Lacordaire, 1865: 560 [stem: *Xylinad*-.]. Type genus: *Xylinades* Latreille, 1828 [syn. of *Xylinada* Berthold, 1827]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 289, as XYLINADINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 36, as XYLINADINI).

### Tribe ZYGAENODINI Lacordaire, 1865

ZYGÉNODIDES Lacordaire, 1865: 542 [stem: *Zygaenod*-.]. Type genus: *Zygaenodes* Pascoe, 1859 [syn. of *Exechesops* Schönherr, 1847]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 289, as ZYGAENODINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 36, as ZYGAENODINI); incorrect original stem formation, not in prevailing usage.

HORMISCI J. L. LeConte, 1876: 396 [stem: *Ormisc*-.]. Type genus: *Ormiscus* G. R. Waterhouse, 1845 [as *Hormiscus*, unjustified emendation of type genus name by Agassiz (1846b: 263), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

### Subfamily CHORAGINAE Kirby, 1819

CHORAGIDAE Kirby, 1819: 447 [stem: *Chorag*-.]. Type genus: *Choragus* Kirby, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 1994b)]. Comment: placed on the Official List of Family-Group Names in Zoology and not given priority over ANTHRIBIDAE Billberg, 1820 (ICZN 1994b).

### Tribe APOLECTINI Lacordaire, 1865

APOLECTIDES Lacordaire, 1865: 554 [stem: *Apolect*-.]. Type genus: *Apolecta* Pascoe, 1859. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 289, as APOLECTINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 28, as APOLECTINI); APOLECTIDAE Jordan, 1923 (type genus *Apolectus* Cuvier, 1832) is available in Pisces although



it is based on a preoccupied genus name and therefore permanently invalid; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

### **Tribe ARAECERINI Lacordaire, 1865**

ARAECÉRIDES Lacordaire, 1865: 588 [stem: *Araecer-*]. Type genus: *Araecerus* Schönherr, 1823 [as *Araecerus*, unjustified emendation of type genus name by Schönherr (1839), not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Stein (1868: 115, as ARAECERINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 37, as ARAECERINI); incorrect original stem formation, not in prevailing usage.

### **Tribe CISANTHRIBINI Zimmerman, 1994**

CISANTHRIBINI Zimmerman, 1994a: 232 [stem: *Cisanthrib-*]. Type genus: *Cisanthribus* Zimmerman, 1938.

### **Tribe CHORAGINI Kirby, 1819**

CHORAGIDAE Kirby, 1819: 447 [stem: *Chorag-*]. Type genus: *Choragus* Kirby, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 1994b)]. Comment: not given priority over ANTHRIBIDAE Billberg, 1820, placed on the Official List of Family-Group Names in Zoology (ICZN 1994b).

### **Tribe VALENFRIESIINI Alonso-Zarazaga and Lyal, 1999**

NOTIOXÉNIDES Lacordaire, 1865: 593 [stem: *Notioxen-*]. Type genus: *Notioxenus* Wollaston, 1861 [preoccupied genus name, not *Notioxenus* Motschulsky, 1858 [Coleoptera: CARABIDAE]; syn. of *Valenfriesia* Alonso-Zarazaga and Lyal, 1999]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pierce (1930: 31, as NOTIOXENINI), generally accepted as in Morimoto (1978a: 18, as NOTIOXENINI); permanently invalid (Art. 39): based on preoccupied type genus.

VALENFRIESIINI Alonso-Zarazaga and Lyal, 1999: 38 [stem: *Valenfriesi-*]. Type genus: *Valenfriesia* Alonso-Zarazaga and Lyal, 1999. Comment: replacement name for NOTIOXENINI Lacordaire, 1865 because of the homonymy of the type genus.

### **Tribe XENORCHESTINI Lacordaire, 1865**

XÉNORCHESTIDES Lacordaire, 1865: 595 [stem: *Xenorchest-*]. Type genus: *Xenorchestes* Wollaston, 1854. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1876: 408, as XENORCHESTINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 38, as XENORCHESTINI).

HOMOEODERIDES Wollaston, 1870: 23 [stem: *Homoeoder-*]. Type genus: *Homoeodera* Wollaston, 1870.

**Subfamily URODONTINAE Thomson, 1859**

URODONTIDES C. G. Thomson, 1859: 128 [stem: *Urodont*-.]. Type genus: *Urodon* Schönherr, 1823 [syn. of *Bruchela* Dejean, 1821].

BRUCHELIDAE Pierce, 1916: 463 [stem: *Bruchel*-.]. Type genus: *Bruchela* Dejean, 1821.

**†Family ULYANIDAE Zherikhin, 1993**

ULYANIDAE Zherikhin, 1993: 26 [stem: *Ulyan*-.]. Type genus: *Ulyana* Zherikhin, 1993.

**Family BELIDAE Schönherr, 1826**

BELIDES Schönherr, 1826: 73 [stem: *Bel*-.]. Type genus: *Belus* Schönherr, 1823 [syn. of *Rhinotia* Kirby, 1819].

**Subfamily BELINAE Schönherr, 1826**

BELIDES Schönherr, 1826: 73 [stem: *Bel*-.]. Type genus: *Belus* Schönherr, 1823 [syn. of *Rhinotia* Kirby, 1819].

**Tribe AGNESIOTIDINI Zimmerman, 1994**

AGNESIOTIDINI Zimmerman, 1994a: 258 [stem: *Agnesiotid*-.]. Type genus: *Agnesiotis* Pascoe, 1870.

**Tribe BELINI Schönherr, 1826**

BELIDES Schönherr, 1826: 73 [stem: *Bel*-.]. Type genus: *Belus* Schönherr, 1823 [syn. of *Rhinotia* Kirby, 1819].

**Subtribe BELINA Schönherr, 1826**

BELIDES Schönherr, 1826: 73 [stem: *Bel*-.]. Type genus: *Belus* Schönherr, 1823 [syn. of *Rhinotia* Kirby, 1819].

**Subtribe HOMALOCERINA Legalov, 2009**

HOMALOCERINA Legalov, 2009d: 308 [stem: *Homalocer*-.]. Type genus: *Homalocerus* Schönherr, 1839.

**Tribe PACHYURINI Kuschel, 1959**

PACHYURINI Kuschel, 1959a: 253, in key [stem: *Pachyur*-.]. Type genus: *Pachyura* Hope, 1834.

**Subfamily OXYCORYNINAE Schönherr, 1840**

OXYCORYNIDES Schönherr, 1840: 581 [stem: *Oxycoryn*-.]. Type genus: *Oxycorynus* Chevrolat, 1832.

**Tribe AGLYCYDERINI Wollaston, 1864**

AGLYCYDERIDAE Wollaston, 1864: 384 [stem: *Aglycyder*-.]. Type genus: *Aglycyderes* Westwood, 1864.

PROTERHINIDES Fauvel, 1891: 154 [stem: *Proterhin-*]. Type genus: *Proterhinus* Sharp, 1878. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Sharp (1899a: 298, as PROTERHINIDAE).

PLATYCEPHALITAE Paulian, 1944: 118 [stem: *Platycephal-*]. Type genus: *Platycephala* Montrouzier, 1861 [preoccupied genus name, not *Platycephala* Fallén, 1820 [Diptera]; syn. of *Aralius* Kuschel, 1990]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; also PLATYCEPHALIDAE Gill, 1872 (type genus *Platycephalus* Bloch, 1795) is available in Pisces.

### **Tribe ALLOXYCORYNINI Legalov, 2009**

ALLOXYCORYNINI Legalov, 2009d: 313 [stem: *Alloxycoryn-*]. Type genus: *Alloxycorynus* Voss, 1957.

### **Tribe DISTENORRHINOIDINI Legalov, 2009**

DISTENORRHINOIDINI Legalov, 2009d: 313 [stem: *Distenorrhinoid-*]. Type genus: *Distenorrhinoides* Gratshev and Zherikhin, 2000.

### **Tribe METRIOXENINI Voss, 1953**

METRIOXENINI Voss, 1953: 124, in key [stem: *Metrioxen-*]. Type genus: *Metrioxena* Pascoe, 1870.

#### **Subtribe AFROCORYNINA Voss, 1957**

AFROCORYNINI Voss, 1957: 102, in key [stem: *Afrocoryn-*]. Type genus: *Afrocorynus* G. A. K. Marshall, 1955.

HISPODINI Voss, 1957: 102, in key [stem: *Hispod-*]. Type genus: *Hispodes* G. A. K. Marshall, 1955.

#### **Subtribe METRIOXENINA Voss, 1953**

METRIOXENINI Voss, 1953: 124, in key [stem: *Metrioxen-*]. Type genus: *Metrioxena* Pascoe, 1870.

#### **Subtribe ZHERICHINIXENINA Legalov, 2009**

ZHERICHINIXENINA Legalov, 2009d: 310 [stem: *Zherichinixen-*]. Type genus: *Zherichinixena* Legalov, 2009.

### **Tribe OXYCORYNINI Schönherr, 1840**

OXYCORYNIDES Schönherr, 1840: 581 [stem: *Oxycoryn-*]. Type genus: *Oxycorynus* Chevrolat, 1832.

#### **Subtribe ALLOCORYNINA Sharp, 1890**

ALLOCORYNINAE Sharp, 1890: 45 [stem: *Allocoryn-*]. Type genus: *Allocorynus* Sharp, 1890 [syn. of *Rhopalotria* Chevrolat, 1878].

**Subtribe OXYCORYNINA Schönherr, 1840**

OXYCORYNIDES Schönherr, 1840: 581 [stem: *Oxycoryn-*]. Type genus: *Oxycorynus* Chevrolat, 1832.

**Subtribe OXYCRASPEDINA Marvaldi and Oberprieler, 2006**

OXYCRASPEDINA Marvaldi and Oberprieler, 2006: 460 [stem: *Oxycrasped-*]. Type genus: *Oxycraspedus* Kuschel, 1955.

**Family CARIDAE Thompson, 1992**

CARINAE Thompson, 1992: 882 [stem: *Car-*]. Type genus: *Car* Blackburn, 1897.

**Subfamily CARINAE Thompson, 1992**

CARINAE Thompson, 1992: 882 [stem: *Car-*]. Type genus: *Car* Blackburn, 1897.

CARIDAE Zimmerman, 1994a: 499 [stem: *Car-*]. Type genus: *Car* Blackburn, 1897.

Comment: family-group name proposed as new without reference to CARINAE Thompson, 1992.

CARINAE Kuschel, 1995: 18 [stem: *Car-*]. Type genus: *Car* Blackburn, 1897. Comment: family-group name proposed as new without reference to CARINAE Thompson, 1992 or CARIDAE Zimmerman, 1994.

**Subfamily CHILECARINAE Legalov, 2009**

CHILECARINI Legalov, 2009a: 125 [stem: *Chilecar-*]. Type genus: *Chilecar* Kuschel, 1992.

**Tribe CARODINI Legalov, 2009**

CARODESINA Legalov, 2009a: 126 [stem: *Carod-*]. Type genus: *Carodes* Zimmerman, 1994. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe CHILECARINI Legalov, 2009**

CHILECARINI Legalov, 2009a: 125 [stem: *Chilecar-*]. Type genus: *Chilecar* Kuschel, 1992.

**†Subfamily BAISSORHYNCHINAE Zherikhin, 1993**

BAISSORHYNCHINI Zherikhin, 1993: 30 [stem: *Baissorhynch-*]. Type genus: *Baissorhynchus* Zherikhin, 1977.

†ABROCARINA Legalov, 2009c: 291 [stem: *Abrocar-*]. Type genus: *Abrocar* Liu and Ren, 2006.

**Family ATTELABIDAE Billberg, 1820**

ATTELABIDES Billberg, 1820a: 39 [stem: *Attelab-*]. Type genus: *Attelabus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1983a)].

**Subfamily ATTELABINAE Billberg, 1820**

ATTELABIDES Billberg, 1820a: 39 [stem: *Attelab*-]. Type genus: *Attelabus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1983a)].

**Tribe ATTELABINI Billberg, 1820**

ATTELABIDES Billberg, 1820a: 39 [stem: *Attelab*-]. Type genus: *Attelabus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1983a)].

**Subtribe ATTELABINA Billberg, 1820**

ATTELABIDES Billberg, 1820a: 39 [stem: *Attelab*-]. Type genus: *Attelabus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1983a)]. Comment: this family-group name was also used in the same year by Billberg (1820b: 393, as ATTELABIDES).

**Subtribe EUSCELINA Voss, 1925**

EUSCELINA Voss, 1925: 32 [stem: *Euscel*-]. Type genus: *Euscelus* Schönherr, 1833.

ALLEUSCELINA Legalov, 2003: 411 [stem: *Alleuscel*-]. Type genus: *Alleuscelus* Voss, 1937. Comment: proposed as a subtribe of EUSCELINI.

CLINOLABINA Legalov, 2003: 410 [stem: *Clinolab*-]. Type genus: *Clinolabus* Jekel, 1860. Comment: proposed as a subtribe of EUSCELINI.

**Subtribe EUSCELOPHILINA Voss, 1925**

EUSCELOPHILINA Voss, 1925: 29 [stem: *Euscelophil*-]. Type genus: *Euscelophilus* Voss, 1925.

**Subtribe HENICOLABINA Legalov, 2007**

HENICOLABINA Legalov, 2007: 282 [stem: *Henicolab*-]. Type genus: *Henicolabus* Voss, 1925.

**Subtribe HIMATOLABINA Legalov, 2003**

HIMATOLABINA Legalov, 2003: 424 [stem: *Himatolab*-]. Type genus: *Himatolabus* Jekel, 1860. Comment: proposed as a subtribe of HYBOLABINI.

**Subtribe HYBOLABINA Voss, 1925**

HYBOLABINA Voss, 1925: 191 [stem: *Hybolab*-]. Type genus: *Hybolabus* Jekel, 1860.

**Subtribe ISOLABINA Legalov, 2007**

ISOLABINA Legalov, 2007: 282 [stem: *Isolab*-]. Type genus: *Isolabus* Voss, 1925.

**Subtribe LAGENODERINA Voss, 1925**

LAGENODERINA Voss, 1925: 206 [stem: *Lagenoder-*]. Type genus: *Lagenoderus* A. White, 1841.

**Subtribe LAMPROLABINA Voss, 1925**

LAMPROLABINA Voss, 1925: 213 [stem: *Lamprolab-*]. Type genus: *Lamprolabus* Jekel, 1860.

**Subtribe METOCALOLABINA Legalov, 2003**

METOCALOLABINA Legalov, 2003: 433 [stem: *Metocalolab-*]. Type genus: *Metocalolabus* Legalov, 2003.

**Subtribe OMOLABINA Legalov, 2003**

OMOLABINA Legalov, 2003: 426 [stem: *Omolab-*]. Type genus: *Omolabus* Jekel, 1860. Comment: proposed as a subtribe of HYBOLABINI.

**Subtribe PARAMECOLABINA Legalov, 2003**

PARAMECOLABINA Legalov, 2003: 439 [stem: *Paramecolab-*]. Type genus: *Paramecolabus* Jekel, 1860.

**Subtribe PHIALODINA Legalov, 2003**

PHIALODINA Legalov, 2003: 437 [stem: *Phialod-*]. Type genus: *Phialodes* Roelofs, 1874.

**Subtribe PHYMATOLABINA Voss, 1925**

PHYMATOLABINA Voss, 1925: 199 [stem: *Phymatolab-*]. Type genus: *Phymatolabus* Jekel, 1860.

**Subtribe PHYMATOPSININA Legalov, 2003**

PHYMATOPSININA Legalov, 2003: 456 [stem: *Phymatopsin-*]. Type genus: *Phymatopsinus* Voss, 1925. Comment: proposed as a subtribe of LAGENODERINI.

**Subtribe PLEUROLABINA Legalov, 2003**

PLEUROLABINA Legalov, 2003: 460 [stem: *Pleurolab-*]. Type genus: *Pleurolabus* Jekel, 1860. Comment: proposed as a subtribe of LAGENODERINI.

**Tribe EUOPINI Voss, 1925**

EUOPSINI Voss, 1925: 291 [stem: *Euop-*]. Type genus: *Euops* Schönherr, 1839. Comment: incorrect original stem formation, not in prevailing usage.

ARCHEUOPSINA Legalov, 2003: 359 [stem: *Archeuop-*]. Type genus: *Archeuops* Legalov, 2003. Comment: proposed as a subtribe of EUOPINI; incorrect original stem formation, not in prevailing usage.



- SUNIOPSINA Legalov, 2003: 364 [stem: *Suniop-*]. Type genus: *Suniops* Voss, 1928. Comment: proposed as a subtribe of EUOPINI; incorrect original stem formation, not in prevailing usage.
- SYNAPTOPSINA Legalov, 2003: 368 [stem: *Synaptop-*]. Type genus: *Synaptops* Jekel, 1860. Comment: proposed as a subtribe of EUOPINI; incorrect original stem formation, not in prevailing usage.
- LJUDMILININA Legalov, 2007: 219 [stem: *Ljudmilini-*]. Type genus: *Ljudmilinius* Legalov, 2003. Comment: proposed as a subtribe of EUOPINI; incorrect original stem formation, not in prevailing usage.
- PARASYNAPTOPSISINA Legalov, 2007: 227 [stem: *Parasynaptopse-*]. Type genus: *Parasynaptopsis* Legalov, 2003. Comment: proposed as a subtribe of EUOPINI; incorrect original stem formation, not in prevailing usage.
- RIEDELININA Legalov, 2007: 218 [stem: *Riedelini-*]. Type genus: *Riedelinus* Legalov, 2003. Comment: proposed as a subtribe of EUOPINI; incorrect original stem formation, not in prevailing usage.
- SAWADAEUOPSINA Legalov, 2007: 241 [stem: *Sawadaeuop-*]. Type genus: *Sawadaeuops* Legalov, 2003. Comment: proposed as a subtribe of EUOPINI; incorrect original stem formation, not in prevailing usage.

### **Tribe PILOLABINI Voss, 1925**

- PILOLABINI Voss, 1925: 19 [stem: *Pilolab-*]. Type genus: *Pilolabus* Jekel, 1860.

### **Subfamily APODERINAE Jekel, 1860**

- APODERIDAE Jekel, 1860: 180 [stem: *Apoder-*]. Type genus: *Apoderus* A. G. Olivier, 1807.

### **Tribe APODERINI Jekel, 1860**

- APODERIDAE Jekel, 1860: 180 [stem: *Apoder-*]. Type genus: *Apoderus* A. G. Olivier, 1807.
- ANISONYCHINA Legalov, 2003: 555 [stem: *Anisonych-*]. Type genus: *Anisonychus* Voss, 1927. Comment: junior homonym of ANISONYCHIDAE H. C. C. Burmeister, 1844 (type genus *Anisonyx* Latreille, 1807) available in SCARABAEIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).
- CENTROCORYNINA Legalov, 2003: 557 [stem: *Centrocoryn-*]. Type genus: *Centrocorynus* Jekel, 1860.
- CYCNOTRACHELINA Legalov, 2003: 568 [stem: *Cycnotrachel-*]. Type genus: *Cycnotrachelus* Jekel, 1860.
- OPANASSENKOVIINA Legalov, 2003: 554 [stem: *Opanassenkovi-*]. Type genus: *Opanassenkovius* Legalov, 2003.

PSEUDOCYCNOTRACHELINA Legalov, 2003: 525 [stem: *Pseudocycnotrachel-*]. Type genus: *Pseudocycnotrachelus* Legalov, 2003.

**Tribe CLITOSTYLINI Voss, 1929**

CLITOSTYLINI Voss, 1929a: 192 [stem: *Clitostyl-*]. Type genus: *Clitostylus* Voss, 1929 [syn. of *Trachelismus* Motschulsky, 1870].

**Subtribe ALLAPODERINA Legalov, 2003**

ALLAPODERINA Legalov, 2003: 467 [stem: *Allapoder-*]. Type genus: *Allapoderus* Voss, 1927.

**Subtribe CLITOSTYLINA Voss, 1929**

CLITOSTYLINI Voss, 1929a: 192 [stem: *Clitostyl-*]. Type genus: *Clitostylus* Voss, 1929 [syn. of *Trachelismus* Motschulsky, 1870].

**Subtribe PSEUDOPHRYSINA Legalov, 2003**

PSEUDOPHRYSINA Legalov, 2003: 476 [stem: *Pseudophrys-*]. Type genus: *Pseudophrysus* Legalov, 2003.

**Tribe HOPLAPODERINI Voss, 1926**

HOPLAPODERINI Voss, 1926: 14 [stem: *Hoplapoder-*]. Type genus: *Hoplapoderus* Jekel, 1860.

**Subtribe AFROAPODERINA Legalov, 2003**

AFROAPODERINA Legalov, 2003: 482 [stem: *Afroapoder-*]. Type genus: *Afroapoderus* Legalov, 2003.

**Subtribe HOPLAPODERINA Voss, 1926**

HOPLAPODERINI Voss, 1926: 14 [stem: *Hoplapoder-*]. Type genus: *Hoplapoderus* Jekel, 1860.

**Subtribe PARATOMAPODERINA Legalov, 2003**

PARATOMAPODERINA Legalov, 2003: 488 [stem: *Paratomapoder-*]. Type genus: *Paratomapoderus* Voss, 1926.

**Tribe TRACHELOPHORINI Voss, 1926**

TRACHELOPHORINI Voss, 1926: 14, in key [stem: *Trachelophor-*]. Type genus: *Trachelophorus* Jekel, 1860.

**Subfamily RHYNCHITINAE Gistel, 1848**

RHYNCHITISIDAE Gistel, 1848: [8] [stem: *Rhynchit-*]. Type genus: *Rhynchites* Schneider, 1791.

**Tribe AULETINI Desbrochers des Loges, 1908**

AULETINIDAE Desbrochers des Loges, 1908: 10, in key [stem: *Aulet*]. Type genus: *Auletes* Schönherr, 1826. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe AULETINA Desbrochers des Loges, 1908**

AULETINIDAE Desbrochers des Loges, 1908: 10, in key [stem: *Aulet*]. Type genus: *Auletes* Schönherr, 1826. Comment: incorrect original stem formation, not in prevailing usage.

AULETINI Pierce, 1913: 365, in key [stem: *Aulet*]. Type genus: *Auletes* Schönherr, 1826. Comment: family-group name proposed as new without reference to AULETINIDAE Desbrochers des Loges, 1908.

**Subtribe AULETOBIINA Legalov, 2001**

AULETOBIINA Legalov, 2001: 37 [stem: *Auletobi*]. Type genus: *Auletobius* Desbrochers des Loges, 1869.

**Subtribe GUINEAULETINA Legalov, 2003**

GUINEAULETINA Legalov, 2003: 108 [stem: *Guineaulet*]. Type genus: *Guineauletes* Legalov, 2003.

**Subtribe MANDELSCHTAMIINA Legalov, 2003**

MANDELSCHTAMIINA Legalov, 2003: 105 [stem: *Mandelschtami*]. Type genus: *Mandelschtamius* Legalov, 2003.

**Subtribe PSEUDAULETINA Voss, 1933**

PSEUDAULETINA Voss, 1933b: 110, in key [stem: *Pseudaulet*]. Type genus: *Pseudauletes* Voss, 1922.

**Subtribe PSEUDOMESAULETINA Legalov, 2003**

PSEUDOMESAULETINA Legalov, 2003: 113 [stem: *Pseudomesaulet*]. Type genus: *Pseudomesauletes* Legalov, 2001.

**Tribe AULETORHININI Voss, 1935**

AULETORHININI Voss, 1935b: 509 [stem: *Auletorhin*]. Type genus: *Auletorhinus* Voss, 1935.

**Tribe BYCTISCINI Voss, 1923**

BYCTISCINI Voss, 1923: 510 [stem: *Byctisc*]. Type genus: *Byctiscus* C. G. Thomson, 1859.

**Subtribe BYCTISCINA Voss, 1923**

BYCTISCINI Voss, 1923: 510 [stem: *Byctisc-*]. Type genus: *Byctiscus* C. G. Thomson, 1859.

**Subtribe LISTROBYCTISCINA Legalov, 2003**

LISTROBYCTISCINA Legalov, 2003: 337 [stem: *Listrobyctisc-*]. Type genus: *Listrobyctiscus* Voss, 1923.

**Subtribe SVETLANAEBYCTISCINA Legalov, 2003**

SVETLANAEBYCTISCINA Legalov, 2003: 323 [stem: *Svetlanaebyctisc-*]. Type genus: *Svetlanaebyctiscus* Legalov, 2001.

**Tribe CESAULETINI Legalov, 2003**

CESAULETINI Legalov, 2003: 134 [stem: *Cesaulet-*]. Type genus: *Cesauletes* Hamilton, 1983. Comment: proposed as a tribe of the supertribe RHYNCHITITAE.

**Tribe DEPORAINI Voss, 1929**

DEPORAINI Voss, 1929b: 28 [stem: *Depora-*]. Type genus: *Deporaus* Samouelle, 1819.

**Subtribe CHONOSTROPHEINA Morimoto, 1962**

CHONOSTROPHEINA Morimoto, 1962a: 30, in key [stem: *Chonostrophe-*]. Type genus: *Chonostropheus* Prell, 1924.

**Subtribe DEPORAINA Voss, 1929**

DEPORAINI Voss, 1929b: 28 [stem: *Depora-*]. Type genus: *Deporaus* Samouelle, 1819.

**Tribe MINURINI Legalov, 2003**

MINURINI Legalov, 2003: 133 [stem: *Minur-*]. Type genus: *Minurus* G. R. Waterhouse, 1842. Comment: proposed as a tribe of the supertribe RHYNCHITITAE.

**Tribe RHINOCARTINI Voss, 1931**

RHINOCARTINI Voss, 1931: 162, in key [stem: *Rhinocart-*]. Type genus: *Rhinocartus* Voss, 1922.

\*RHYNCHITALLINI Voss, 1960: 415 [stem: *Rhynchitall-*]. Type genus: *Rhynchitallus* Voss, 1960. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

PROTEUGNAMPTINI Legalov, 2003: 80 [stem: *Proteugnamptini*]. Type genus: *Proteugnamptus* Voss, 1939. Comment: proposed as a tribe in supertribe RHINOCARTITAE.

AULETANINI Legalov, 2003: 84 [stem: *Auletan-*]. Type genus: *Auletanus* Voss, 1922.

Comment: proposed as a tribe in the supertribe RHINOCARTITAE.

†SANYREVILLEINA Legalov, 2003: 85 [stem: *Sanyreville-*]. Type genus: *Sanyrevilleus* Gratshev and Zherikhin, 2000. Comment: proposed as a subtribe of AULETANINI; raised to tribal level by Legalov (2007).

PROTEUGNAMPTINI Legalov, 2003: 80 [stem: *Proteugnampt-*]. Type genus: *Proteugnamptus* Voss, 1939. Comment: proposed as a tribe in the supertribe RHINOCARTITAE.

VOSSICARTINI Legalov, 2003: 79 [stem: *Vossicart-*]. Type genus: *Vossicartus* Legalov, 2003.

EOSALACINA Legalov, 2007: 30 [stem: *Eosalac-*]. Type genus: *Eosalacus* Legalov, 2007. Comment: proposed as a subtribe of PROTEUGNAMPTINI.

PARAULETANINA Legalov, 2007: 31 [stem: *Parauletan-*]. Type genus: *Parauletanus* Legalov, 2007. Comment: proposed as a subtribe of SANYREVILLEINI.

### **Tribe RHYNCHITINI Gistel, 1848**

RHYNCHITISIDAE Gistel, 1848: [8] [stem: *Rhynchit-*]. Type genus: *Rhynchites* Schneider, 1791. Comment: incorrect original stem formation, not in prevailing usage.

### **Subtribe ACRITORRHYNCHITINA Legalov, 2007**

ACRITORRHYNCHITINA Legalov, 2007: 70 [stem: *Acritorrrhynchit-*]. Type genus: *Acritorrrhynchites* Voss, 1941.

### **Subtribe ANISOMERININA Legalov, 2003**

ANISOMERININA Legalov, 2003: 223 [stem: *Anisomerin-*]. Type genus: *Anisomerinus* Voss, 1933.

### **Subtribe EUGNAMPTINA Voss, 1930**

EUGNAMPTINA Voss, 1930: 67 [stem: *Eugnampt-*]. Type genus: *Eugnamptus* Schönherr, 1839.

### **Subtribe LASIORHYNCHITINA Legalov, 2003**

LASIORHYNCHITINA Legalov, 2003: 202 [stem: *Lasiorhynchit-*]. Type genus: *Lasiorhynchites* Jekel, 1860.

### **Subtribe PERRHYNCHITINA Legalov, 2003**

PERRHYNCHITINA Legalov, 2003: 218 [stem: *Perrhynchit-*]. Type genus: *Perrhynchites* Voss, 1953.

### **Subtribe RHYNCHITALLINA Legalov, 2003**

RHYNCHITALLINA Legalov, 2003: 226 [stem: *Rhynchitall-*]. Type genus: *Rhynchitallus* Voss, 1960.

**Subtribe RHYNCHITINA Gistel, 1848**

RHYNCHITISIDAE Gistel, 1848: [8] [stem: *Rhynchit-*]. Type genus: *Rhynchites* Schneider, 1791. Comment: incorrect original stem formation, not in prevailing usage.

RHYNCHITINI Pierce, 1913: 365, in key [stem: *Rhynchit-*]. Type genus: *Rhynchites* Schneider, 1791. Comment: family-group name proposed as new without reference to RHYNCHITISIDAE Gistel, 1848.

**Subtribe TEMNOCERINA Legalov, 2003**

TEMNOCERINA Legalov, 2003: 207 [stem: *Temnocer-*]. Type genus: *Temnocerus* Thunberg, 1815.

**Subfamily ISOTHEINAE Scudder, 1893**

ISOTHEINAE Scudder, 1893: 16 [stem: *Isothe-*]. Type genus: *Isothea* Scudder, 1893. Comment: precedence (ISOTHEINAE Scudder, 1893 vs TOXORHYNCHINAE Scudder, 1893) given to taxon originally proposed at the higher rank (Art. 24.1).

**Tribe ISOTHEINI Scudder, 1893**

ISOTHEINAE Scudder, 1893: 16 [stem: *Isothe-*]. Type genus: *Isothea* Scudder, 1893.

**Subtribe DEPASOPHILINA Legalov, 2003**

DEPASOPHILINA Legalov, 2003: 166 [stem: *Depasophil-*]. Type genus: *Depasophilus* Voss, 1922.

**†Subtribe ISOTHEINA Scudder, 1893**

ISOTHEINAE Scudder, 1893: 16 [stem: *Isothe-*]. Type genus: *Isothea* Scudder, 1893.

**†Tribe TOXORHYNCHINI Scudder, 1893**

TOXORHYNCHINI Scudder, 1893: 23 [stem: *Toxorhynch-*]. Type genus: *Toxorhynchus* Scudder, 1893.

**Subfamily PTEROCOLINAE Lacordaire, 1865**

PTÉROCOLIDES Lacordaire, 1865: 190 [stem: *Pterocol-*]. Type genus: *Pterocolus* Schönherr, 1833 [preoccupied genus name, not *Pterocolus* Say, 1831 [Coleoptera: ATTELABIDAE: PTEROCOLINAE]; syn. of *Pterocolus* Say, 1831]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as PTEROCOLINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 44, as PTEROCOLINAE); permanently invalid (Art. 39): based on preoccupied type genus; although strictly speaking the type genus is a junior homonym, and thus cannot be used as valid, to preserve stability, we are considering this as a valid name here; an application to the Commission is necessary to officially conserve usage of this family-group name.



**Family BRENTIDAE Billberg, 1820**

BRENTHIDES Billberg, 1820a: 40 [stem: *Brent-*]. Type genus: *Brentus* Fabricius, 1787 [as *Brenthus*, unjustified emendation of type genus name by Illiger (1801), not in prevailing usage].

**Subfamily BRENTINAE Billberg, 1820**

BRENTHIDES Billberg, 1820a: 40 [stem: *Brent-*]. Type genus: *Brentus* Fabricius, 1787 [as *Brenthus*, unjustified emendation of type genus name by Illiger (1801), not in prevailing usage].

**Tribe BRENTINI Billberg, 1820**

BRENTHIDES Billberg, 1820a: 40 [stem: *Brent-*]. Type genus: *Brentus* Fabricius, 1787 [as *Brenthus*, unjustified emendation of type genus name by Illiger (1801), not in prevailing usage].

**Subtribe ARRHENODINA Lacordaire, 1865**

ARRHÉNODIDES Lacordaire, 1865: 425 [stem: *Arrhenod-*]. Type genus: *Arrenodes* sensu Lacordaire, 1865 [as *Arrhenodes*, incorrect subsequent spelling of type genus name, not in prevailing usage; not *Arrenodes* Schönherr 1823; syn. of *Estenorhinus* Lacordaire, 1865]. Comment: based on misidentified type genus; MAAZ and CHCL will submit an application to designate as type genus *Arrenodes* Schönherr, 1823 and correct the name of the tribe to ARRENODINI; First Reviser (ARRHENODINA Lacordaire, 1865 vs BELOPHERINA Lacordaire, 1865 vs BELORHYNCHINA Lacordaire, 1865 vs EUTRACHELINA Lacordaire, 1865) not determined, current usage maintained.

BÉLOPHÉRIDES Lacordaire, 1865: 433 [stem: *Belopher-*]. Type genus: *Belopherus* Schönherr, 1833 [syn. of *Belorhynchus* Berthold, 1827]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1872: 317, as BELOPHERINAE), generally accepted as in Sharp (1895a: 53, as BELOPHERINA).

BÉLORHYNCHIDES Lacordaire, 1865: 437 [stem: *Belorhynch-*]. Type genus: *Belorhynchus* Berthold, 1827. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form generally accepted as in Sharp (1895a: 63, as BELORHYNCHINA); placed in synonymy with ARRHENODINI by Alonso-Zarazaga and Lyal (2002: 10).

EUTRACHÉLIDES Lacordaire, 1865: 438 [stem: *Eutrachel-*]. Type genus: *Eutrachelus* Berthold, 1827. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Senna (1892: 179, as EUTRACHELINAE), generally accepted as in Sharp (1900b: 385, as EUTRACHELIDES [treated as Latin]).

ORYCHODI Senna, 1895: 213 [stem: *Orychod-*]. Type genus: *Orychodes* Pascoe, 1862.

EUPSALINI Muizon, 1960: 170 [stem: *Eupsalid-*]. Type genus: *Eupsalis* sensu Kleine, 1927 [not *Eupsalis* Lacordaire, 1865; syn. of *Orfilaia* Haedo Rosii, 1955]. Comment: based on a misidentified type genus; incorrect original stem formation, not in prevailing usage.

### **Subtribe BRENTINA Billberg, 1820**

BRENTHIDES Billberg, 1820a: 40 [stem: *Brent-*]. Type genus: *Brentus* Fabricius, 1787 [as *Brenthus*, unjustified emendation of type genus name by Illiger (1801), not in prevailing usage].

### **Subtribe EREMOXENINA Semenov, 1892**

AMORPHOCEPHALIDES Power, 1879: 478 [stem: *Amorphocephal-*]. Type genus: *Amorphocephalus* Schönherr, 1840 [preoccupied genus name, not *Amorphocephalus* Bowdich, 1825 [Pisces]; syn. of *Amorphocephala* Damoiseau, 1966]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

EREMOXENIDAE Semenov, 1892: 440 [stem: *Eremoxen-*]. Type genus: *Eremoxenus* Semenov, 1892.

PAUSSOBRENTHINI Gestro, 1919: 270 [stem: *Paussobrenth-*]. Type genus: *Paussobrenthus* Gestro, 1919.

### **Tribe CYLADINI Schönherr, 1823**

CYLADES Schönherr, 1823: column 1137 [stem: *Cylad-*]. Type genus: *Cylas* Latreille, 1802.

### **Tribe CYPHAGOGINI Kolbe, 1892**

CYPHAGOGINAE Kolbe, 1892: 162 [stem: *Cyphagog-*]. Type genus: *Cyphagogus* Parry, 1849.

### **Subtribe ATOPOBRENTINA Damoiseau, 1965**

ATOPOBRENTINI Damoiseau, 1965: 1 [stem: *Atopobrent-*]. Type genus: *Atopobrentus* Damoiseau, 1965.

### **Subtribe CYPHAGOGINA Kolbe, 1892**

CYPHAGOGINAE Kolbe, 1892: 162 [stem: *Cyphagog-*]. Type genus: *Cyphagogus* Parry, 1849.

\*CALODROMINEN Kolbe, 1916: 50 [stem: *Calodrom-*]. Type genus: *Calodromus* Guérin-Méneville, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

CALODROMINI Kleine, 1922a: 148 [stem: *Calodrom-*]. Type genus: *Calodromus* Guérin-Méneville, 1832.

**†Subtribe DOMINIBRENTINA Poinar, 2009**

DOMINIBRENTINI Poinar, 2009: 51 [stem: *Dominibrent-*]. Type genus: *Dominibrentus* Poinar, 2009.

**Subtribe HOPLOPISTHIINA Senna and Calabresi, 1919**

HOPLOPISTHI Senna and Calabresi, 1919: 65 [stem: *Hoplopisthi-*]. Type genus: *Hoplopisthius* Senna, 1892. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe STEREODERMINA Sharp, 1895**

STEREODERMINA Sharp, 1895a: 7 [stem: *Stereoderm-*]. Type genus: *Stereoder-mus* Lacordaire, 1865.

**Tribe PHOLIDOCHLAMYDINI Damoiseau, 1962**

PHOLIDOCHLAMYDINAE Damoiseau, 1962: 26 [stem: *Pholidochlamyd-*]. Type genus: *Pholidochlamys* Lacordaire, 1865. Comment: the original spelling PHOLIDOCHLOMYDINAE on page 26 is considered a *lapsus calami* since the the type genus is spelled correctly throughout and the family-group name is spelled correctly on page 18.

**Tribe TAPHRODERINI Lacordaire, 1865**

TAPHRODÉRIDES Lacordaire, 1865: 406 [stem: *Taphroder-*]. Type genus: *Taphroderes* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1872: 317, as TAPHRODERINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 52, as TAPHRODERINAE).  
ISCHNOMÉRIDES Lacordaire, 1865: 414 [stem: *Ischnomer-*]. Type genus: *Ischnomerus* Schönherr, 1840 [preoccupied genus name, not *Ischnomerus* Labram and Imhoff, 1838 [Coleoptera: CURCULIONIDAE: TRACHELIZINI]; syn. of *Aulacoderes* Chevrolat, 1839]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Schoenfeldt (1908: 2, as ISCHNOMERIDAE); permanently invalid (Art. 39): based on preoccupied type genus.

**Tribe TRACHELIZINI Lacordaire, 1865**

TRACHÉLIZIDES Lacordaire, 1865: 417 [stem: *Tracheliz-*]. Type genus: *Trachelizus* Dejean, 1834. Comment: First Reviser (TRACHELIZINI Lacordaire, 1865 vs ITHYSTENINI Lacordaire, 1865) not determined, current usage maintained.

**Subtribe ACRATINA Alonso-Zarazaga, Lyal, Bartolozzi and Sforzi, 1999**

NÉMOCÉPHALIDES Lacordaire, 1865: 459 [stem: *Nemocephal-*]. Type genus: *Nemocephalus* sensu Lacordaire, 1865 [not *Nemocephalus* Guérin-Ménéville, 1827; syn. of *Neacratus* Alonso-Zarazaga et al., 1999]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized

form and generally accepted as in Kolbe (1883: 79, as NEMOCEPHALI); based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principle of Priority (Art. 65.2.1).

ACRATINI Alonso-Zarazaga et al., 1999: 53 [stem: *Acrat-*]. Type genus: *Acratus* Lacordaire, 1865.

### **Subtribe ITHYSTENINA Lacordaire, 1865**

ITHYSTÉNIDES Lacordaire, 1865: 464 [stem: *Ithysten-*]. Type genus: *Ithystenus* Pascoe, 1862. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1872: 317, as ITHYSTENINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 54, as ITHYSTENINI).  
ISCHNOMERI Kolbe, 1883: 74 [stem: *Ischnomer-*]. Type genus: *Ischnomerus* Labram and Imhoff, 1838.

LEPTORRHYNCHIDAE Schoenfeldt, 1908: 69 [stem: *Leptorrhynch-*]. Type genus: *Leptorrhynchus* Guérin-Méneville, 1838 [as *Leptorrhynchus*, incorrect subsequent spelling of type genus name, not in prevailing usage; preoccupied genus name, not *Leptorrhynchus* Clift, 1828 [Reptilia]; syn. of *Ithystenus* Pascoe, 1862]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

OZODOCERINI Jakobson, 1911b: 142 [stem: *Ozodecer-*]. Type genus: *Ozodecerus* Chevrolat, 1839. Comment: incorrect original stem formation, not in prevailing usage.

### **Subtribe MICROTRACHELIZINA Zimmerman, 1994**

MICROTRACHELIZINA Zimmerman, 1994b: 182 [stem: *Microtracheliz-*]. Type genus: *Microtrachelizus* Senna, 1893.

### **Subtribe PSEUDOCEOCEPHALINA Kleine, 1922**

CÉOCÉPHALIDES Lacordaire, 1865: 444 [stem: *Ceocephal-*]. Type genus: *Ceocephalus* sensu Lacordaire, 1865 [not *Ceocephalus* Guérin-Méneville, 1833; *Ceocephalus* sensu Lacordaire, 1865 is a mixture of *Orphanobrentus* Damoiseau, 1962 and *Pseudoceocephalus* Kleine, 1920 (see Alonso-Zarazaga and Lyal 1999: 55)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Sharp (1900b: 385, as CEOCEPHALIDES [treated as Latin]); based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principle of Priority (Art. 65.2.1).

UROPTERINI Jakobson, 1911b: 142 [stem: *Uropter-*]. Type genus: *Uroptera* Berthold, 1827.

PSEUDOCEOCEPHALIDAE Kleine, 1922b: 225 [stem: *Pseudoceocephal*-]. Type genus: *Pseudoceocephalus* Kleine, 1920. Comment: this family-group name is preceded by two older names: CEOCEPHALINA Lacordaire, 1865, which is based on a misidentified type genus, and the newly discovered name UROPTERINA Jakobson, 1911; we recommend that an application be submitted to the Commission to conserve usage of the well-established name PSEUDOCEOCEPHALINA Kleine, 1922.

### **Subtribe RHYTICEPHALINA Kleine, 1922**

RHYTICEPHALINI Kleine, 1922c: 163 [stem: *Rhyticephal*-]. Type genus: *Rhyticephalus* Chevrolat, 1839.

### **Subtribe TRACHELIZINA Lacordaire, 1865**

TRACHÉLIZIDES Lacordaire, 1865: 417 [stem: *Tracheliz*-]. Type genus: *Trachelizus* Dejean, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1872: 317, as TRACHELIZINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 53, as TRACHELIZINI); First Reviser (TRACHELIZINA Lacordaire, 1865 vs HEPHEBOCERINA Lacordaire, 1865) not determined, current usage maintained.

HÉPHÉBOCÉRIDES Lacordaire, 1865: 415 [stem: *Hephebocer*-]. Type genus: *Hephebocerus* Schönherr, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Pascoe (1872: 317, as EPHEBOCERINAE [incorrect stem formation]).

ANCHISTENINI Schedl, 1961: 198 [stem: *Anchiste*-]. Type genus: *Anchisteus* Kolbe, 1883. Comment: incorrect original stem formation, not in prevailing usage.

### **Subtribe TYCHAEINA Schoenfeldt, 1908**

TYCHAEIDAE Schoenfeldt, 1908: 48 [stem: *Tychae*-]. Type genus: *Tychaeus* Fischer von Waldheim, 1823 [syn. of *Nemorhinus* Schönherr, 1823].

### **Tribe ULOCERINI Schönherr, 1823**

ULOCERIDES Schönherr, 1823: column 1137 [stem: *Ulocer*-]. Type genus: *Ulocerus* Schönherr, 1823.

### **Subfamily EURHYNCHINAE Lacordaire, 1863**

EURHYNCHIDES Lacordaire, 1863: 527 [stem: *Eurhynch*-]. Type genus: *Eurhynchus* Kirby, 1828 [placed on the Official List of Generic Names in Zoology (ICZN 1985e)].

### **†Tribe AXELRODIELLINI Legalov, 2009**

AXEIRODIELLINI Legalov, 2009c: 292 [stem: *Axelrodiell*-]. Type genus: *Axelrodiellus* Zherikhin and Gratshev, 2004. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe EURHYNCHINI Lacordaire, 1863**

EURHYNCHIDES Lacordaire, 1863: 527 [stem: *Eurhynch-*]. Type genus: *Eurhynchus* Kirby, 1828 [placed on the Official List of Generic Names in Zoology (ICZN 1985e)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as EURHYNCHINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 56, as EURHYNCHIDAE); EURHYNCHINAE Lacordaire, 1863 placed on the Official List of Family-Group Names in Zoology (ICZN 1985e).

EURHININI Kissinger, 1968: 10 [stem: *Eurhin-*]. Type genus: *Eurhinus* Kirby, 1819 [preoccupied genus name, not *Eurhinus* Illiger, 1807 [Coleoptera: CURCULIONIDAE: BARIDINI]; syn. of *Eurhynchus* Kirby, 1828]. Comment: replacement name for EURHYNCHIDES Lacordaire, 1863 because of the homonymy of the type genus; junior homonym of EURHININA Lacordaire, 1865 [CURCULIONIDAE: BARIDINAE]; permanently invalid (Art. 39): based on preoccupied type genus.

**Subfamily APIONINAE Schönherr, 1823**

APIONIDES Schönherr, 1823: column 1136 [stem: *Apion-*]. Type genus: *Apion* Herbst, 1797. Comment: First Reviser (APIONINAE Schönherr, 1823 vs ANTLIARHININAE Schönherr, 1823) not determined, current usage maintained.

**Supertribe APIONITAE Schönherr, 1823**

APIONIDES Schönherr, 1823: column 1136 [stem: *Apion-*]. Type genus: *Apion* Herbst, 1797.

**Tribe APIONINI Schönherr, 1823**

APIONIDES Schönherr, 1823: column 1136 [stem: *Apion-*]. Type genus: *Apion* Herbst, 1797.

**Subtribe APIONINA Schönherr, 1823**

APIONIDES Schönherr, 1823: column 1136 [stem: *Apion-*]. Type genus: *Apion* Herbst, 1797. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Api-*).

OXEOSTOMATIDAE Gistel, 1856a: 374 [stem: *Oxeostom-*]. Type genus: *Oxeostomum* Gistel, 1856 [syn. of *Apion* Herbst, 1797]. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe APLEMONINA Kissinger, 1968**

APLEMONINI Kissinger, 1968: 16 [stem: *Aplemon-*]. Type genus: *Aplemonus* Schönherr, 1847.

**Subtribe ASPIDAPIINA Alonso-Zarazaga, 1990**

ASPIDAPIINI Alonso-Zarazaga, 1990: 52 [stem: *Aspidapi-*]. Type genus: *Aspidapion* Schilsky, 1901.



**Subtribe CATAPIINA Alonso-Zarazaga, 1990**

CATAPIINA Alonso-Zarazaga, 1990: 114 [stem: *Catapi*]. Type genus: *Catapion* Schilsky, 1906.

**Subtribe CERATAPIINA Alonso-Zarazaga, 1990**

CERATAPIINI Alonso-Zarazaga, 1990: 42 [stem: *Ceratapi*]. Type genus: *Ceratapion* Schilsky, 1901.

**Subtribe EXAPIINA Alonso-Zarazaga, 1990**

EXAPIINI Alonso-Zarazaga, 1990: 75 [stem: *Exapi*]. Type genus: *Exapion* Bedel, 1887.

**Subtribe IXAPIINA Alonso-Zarazaga, 1990**

IXAPIINI Alonso-Zarazaga, 1990: 71 [stem: *Ixapi*]. Type genus: *Ixapion* Rou-dier and Tempère, 1973.

**Subtribe KALCAPIINA Alonso-Zarazaga, 1990**

KALCAPIINI Alonso-Zarazaga, 1990: 55 [stem: *Kalcapi*]. Type genus: *Kalcapion* Schilsky, 1906.

**Subtribe MALVAPIINA Alonso-Zarazaga, 1990**

MALVAPIINI Alonso-Zarazaga, 1990: 65 [stem: *Malvapi*]. Type genus: *Malvapion* Hoffmann, 1958.

**Subtribe METAPIINA Alonso-Zarazaga, 1990**

METAPIINI Alonso-Zarazaga, 1990: 62 [stem: *Metapi*]. Type genus: *Metapion* Schilsky, 1906.

**Subtribe OXYSTOMATINA Alonso-Zarazaga, 1990**

OXYSTOMATINI Alonso-Zarazaga, 1990: 111 [stem: *Oxystomat*]. Type genus: *Oxystoma* Duméril, 1805.

**Subtribe PIEZOTRACHELINA Voss, 1959**

PIEZOTRACHELINI Voss, 1959: 51 [stem: *Piezotrachel*]. Type genus: *Piezotrachelus* Schönherr, 1839.

**Subtribe PROTOTRICHAPIINA Wanat, 1995**

PROTOTRICHAPIINI Wanat, 1995: 19 [stem: *Prototrichapi*]. Type genus: *Prototrichapion* Voss, 1959.

**Subtribe SYNAPIINA Alonso-Zarazaga, 1990**

SYNAPIINA Alonso-Zarazaga, 1990: 118 [stem: *Synapi*]. Type genus: *Synapion* Schilsky, 1902.

**Subtribe TRICHAPIINA Alonso-Zarazaga, 1990**

TRICHAPIINA Alonso-Zarazaga, 1990: 116 [stem: *Trichapi-*]. Type genus: *Trichapion* Wagner, 1912.

**Tribe CHILAPIINI Wanat, 2001**

CHILAPIITAE Wanat, 2001: 366 [stem: *Chilapi-*]. Type genus: *Chilapion* Kissinger, 1968.

**Tribe NOTERAPIINI Kissinger, 2004**

NOTERAPIONINI Kissinger, 2004: 243 [stem: *Noterapi-*]. Type genus: *Noterapion* Kissinger, 2002. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe PODAPIINI Wanat, 2001**

PODAPIITAE Wanat, 2001: 366 [stem: *Podapi-*]. Type genus: *Podapion* Riley, 1883.

**Tribe RHINORHYNCHIDIINI Zimmerman, 1994**

RHINORHYNCHIDIINAE Zimmerman, 1994b: 337 [stem: *Rhinorhynchidi-*]. Type genus: *Rhinorhynchidius* Voss, 1922.

**Supertribe ANTILIARHINITAE Schönherr, 1823**

ANTILIARHINIDES Schönherr, 1823: column 1137 [stem: *Antliarhin-*]. Type genus: *Antliarhis* Billberg, 1820 [as *Antliarhinus*, incorrect subsequent spelling of type genus name, not in prevailing usage].

**Supertribe CYBEBITAE Lacordaire, 1863**

CYBÉBIDES Lacordaire, 1863: 539 [stem: *Cybeb-*]. Type genus: *Cybebus* Schönherr, 1839. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as CYBEBINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 58, as CYBEBINI).

**Supertribe MECOLENITAE Wanat, 2001**

MECOLENINAE Wanat, 2001: 363 [stem: *Mecolen-*]. Type genus: *Mecolenus* Schönherr, 1847.

**Supertribe MYRMACICELITAE Zimmerman, 1994**

MYRMACICELINAE Zimmerman, 1994b: 349 [stem: *Myrmacicel-*]. Type genus: *Myrmacicelus* Chevrolat, 1833.

**Tribe LISPOTHERIINI Wanat, 2001**

LISPOTHERIINI Wanat, 2001: 365 [stem: *Lispothéri-*]. Type genus: *Lispothorium* Faust, 1891.

**Tribe MYRMACICELINI Zimmerman, 1994**

MYRMACICELINAE Zimmerman, 1994b: 349 [stem: *Myrmacicel*-. Type genus: *Myrmacicelus* Chevrolat, 1833.

**Supertribe RHADINOCYBITAE Alonso-Zarazaga, 1992**

RHADINOCYBINI Alonso-Zarazaga, 1992: 193 [stem: *Rhadinocyb*-. Type genus: *Rhadinocyba* Faust, 1889.

**Tribe NOTAPIONINI Zimmerman, 1994**

NOTAPIONINI Zimmerman, 1994b: 317 [stem: *Notapion*-. Type genus: *Notapion* Zimmerman, 1994. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Notapi*-).

**Tribe RHADINOCYBINI Alonso-Zarazaga, 1992**

RHADINOCYBINI Alonso-Zarazaga, 1992: 193 [stem: *Rhadinocyb*-. Type genus: *Rhadinocyba* Faust, 1889.

**Supertribe TANAITAE Schönherr, 1839**

TANAONIDES Schönherr, 1839: 447 [stem: *Tana*-. Type genus: *Tanaos* Schönherr, 1826. Comment: incorrect original stem formation, not in prevailing usage.

**Subfamily ITHYCERINAE Schönherr, 1823**

ITHYCERIDES Schönherr, 1823: column 1136 [stem: *Ithycer*-. Type genus: *Ithycerus* Schönherr, 1823.

PACHYRHINCHIDAE Kirby, 1837: 203 [stem: *Pachyrhynch*-. Type genus: *Pachyrhynchus* Kirby, 1837 [preoccupied genus name, not *Pachyrhynchus* Germar, 1824 [Coleoptera: CURCULIONIDAE: OTIORHYNCHINI]; syn. of *Ithycerus* Schönherr, 1823]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

†GOBICARINI Legalov, 2009c: 291 [stem: *Gobicar*-. Type genus: *Gobicar* Gratshev and Zherikhin, 1999.

**Subfamily MICROCERINAE Lacordaire, 1863**

MICROCÉRIDES Lacordaire, 1863: 20 [stem: *Microcer*-. Type genus: *Microcerus* Schönherr, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as MICROCERINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 63, as MICROCERINAE).

\*ÉPISIDES Lacordaire, 1863: 22 [stem: *Epis*-. Type genus: *Episus* Billberg, 1820. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 224, as EPISINI), but not generally accepted as valid.

**Subfamily NANOPHYINAE Gistel, 1848**

NANOPHYEIDAE Gistel, 1848: [7] [stem: *Nanophy*-]. Type genus: *Nanophyes* Schönherr, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1989b)].

**Tribe CORIMALIINI Alonso-Zarazaga, 1989**

CORIMALIINI Alonso-Zarazaga, 1989: 225 [stem: *Corimali*-]. Type genus: *Corimalia* Gozis, 1885.

**Tribe NANOPHYINI Gistel, 1848**

NANOPHYEIDAE Gistel, 1848: [7] [stem: *Nanophy*-]. Type genus: *Nanophyes* Schönherr, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1989b)]. Comment: incorrect original stem formation, not in prevailing usage.

**Family DRYOPHTHORIDAE Schönherr, 1825**

DRYOPHTHORIDES Schönherr, 1825: column 588 [stem: *Dryophthor*-]. Type genus: *Dryophthorus* Germar, 1824 [placed on the Official List of Generic Names in Zoology (ICZN 1987c)].

**Subfamily DRYOPHTHORINAE Schönherr, 1825**

DRYOPHTHORIDES Schönherr, 1825: column 588 [stem: *Dryophthor*-]. Type genus: *Dryophthorus* Germar, 1824 [placed on the Official List of Generic Names in Zoology (ICZN 1987c)].

**Subfamily CRYPTODERMATINAE Bovie, 1908**

OXYRHYNCHIDES Schönherr, 1823: column 1137 [stem: *Oxyrhynch*-]. Type genus: *Oxyrhynchus* Schönherr, 1823 [preoccupied genus name, not *Oxyrhynchus* Leach, 1818 [Pisces]; syn. of *Cryptoderma* Ritsema, 1885]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

CRYPTODERMATINAE Bovie, 1908: 1 [stem: *Cryptodermat*-]. Type genus: *Cryptoderma* Ritsema, 1885. Comment: replacement name for OXYRHYNCHINAE Schönherr, 1823 because of the homonymy of the type genus; incorrect original stem formation, not in prevailing usage.

**Subfamily ORTHOGNATHINAE Lacordaire, 1865**

ORTHOGNATHIDES Lacordaire, 1865: 311 [stem: *Orthognath*-]. Type genus: *Orthognathus* Schönherr, 1837.

**Tribe ORTHOGNATHINI Lacordaire, 1865**

ORTHOGNATHIDES Lacordaire, 1865: 311 [stem: *Orthognath*-]. Type genus: *Orthognathus* Schönherr, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 233, as ORTHOGNATHINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 64, as ORTHOGNATHINI).

SIPALIDES Lacordaire, 1865: 310 [stem: *Sipal-*]. Type genus: *Sipalus* Schönherr, 1825 [preoccupied genus name, not *Sipalus* Fischer, 1813 [Mammalia]; syn. of *Sipalinus* G. A. K. Marshall, 1943]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as SIPALINAE), generally accepted as in Heyne and Taschenberg (1907: 233, as SIPALINI); permanently invalid (Art. 39): based on preoccupied type genus.

\*SIPALININAE G. A. K. Marshall, 1953: 117 [stem: *Sipalin-*]. Type genus: *Sipalinus* G. A. K. Marshall, 1943. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

SIPALININAE Zimmerman, 1993: 47, in key [stem: *Sipalin-*]. Type genus: *Sipalinus* G. A. K. Marshall, 1943.

### Tribe RHINOSTOMINI LeConte, 1874

RHINIDAE J. L. LeConte, 1874b: 466 [stem: *Rhin-*]. Type genus: *Rhina* Latreille, 1806 [preoccupied genus name, not *Rhina* Schneider, 1801 [Pisces]; syn. of *Rhinostomus* Rafinesque, 1815]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

RHINOSTOMINI Kuschel, 1995: 24, in key [stem: *Rhinostom-*]. Type genus: *Rhinostomus* Rafinesque, 1815 [placed on the Official List of Generic Names in Zoology (ICZN 1955a)].

### Subfamily RHYNCHOPHORINAE Schönherr, 1833

RHYNCHOPHORIDES Schönherr, 1833: 26 [stem: *Rhynchophor-*]. Type genus: *Rhynchophorus* Herbst, 1795.

### Tribe DIOCALANDRINI Zimmerman, 1993

DIOCALANDRINI Zimmerman, 1993: 99 [stem: *Diocalandr-*]. Type genus: *Diocalandra* Faust, 1894.

### Tribe LITOSOMINI Lacordaire, 1865

CALANDRINA C. G. Thomson, 1859: 145 [stem: *Calandr-*]. Type genus: *Calandra* Gistel, 1848 [placed on the Official Index of Invalid and Rejected Generic Names in Zoology (ICZN 1959b); preoccupied genus name, not *Calandra* Clairville, 1798 [Coleoptera: CURCULIONIDAE: RHYNCHOPHORINAE: SPHENOPHORINI]; syn. of *Sitophilus* Schönherr, 1837]. Comment: permanently invalid (Art. 39): based on suppressed type genus.

LITOSOMIDES Lacordaire, 1865: 303 [stem: *Litosom-*]. Type genus: *Litosomus* Lacordaire, 1865 [syn. of *Toxorhinus* Lacordaire, 1865]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Faust (1895: 224, as LITOSOMINORUM), generally accepted as in Alonso-Zarazaga and Lyal (1999: 65, as LITOSOMINI).

SITOPHILI Csiki, 1936: 68 [stem: *Sitophil-*]. Type genus: *Sitophilus* Schönherr, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1959b)]. Comment: name proposed to replace CALANDRINA C. G. Thomson, 1865 because of the synonymy of the type genus (*Calandra* auctorum is a synonym of *Sitophilus* Schönherr, 1837).

### Tribe OMMATOLAMPINI Lacordaire, 1865

OMMATOLAMPIDES Lacordaire, 1865: 276 [stem: *Ommatolamp-*]. Type genus: *Ommatolampes* Schönherr, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 233, as OMMATOLAMPINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 66, as OMMATOLAMPINI).

### Tribe POLYTINI Zimmerman, 1993

POLYTINI Zimmerman, 1993: 94 [stem: *Polyt-*]. Type genus: *Polytus* Faust, 1894.

### Tribe RHYNCHOPHORINI Schönherr, 1833

RHYNCHOPHORIDES Schönherr, 1833: 26 [stem: *Rhynchophor-*]. Type genus: *Rhynchophorus* Herbst, 1795.

### Tribe SPHENOPHORINI Lacordaire, 1865

CALANDRAEDES Billberg, 1820a: 40 [stem: *Calandr-*]. Type genus: *Calandra* Clairville, 1798 [placed on the Official Index of Invalid and Rejected Generic Names in Zoology (ICZN 1959b)]. Comment: permanently invalid (Art. 39): based on suppressed type genus; several family-group names based on *Calandra* Clairville, 1798 were placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1959b).

SPHÉNOPHORIDES Lacordaire, 1865: 286 [stem: *Sphenophor-*]. Type genus: *Sphenophorus* Schönherr, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1959b)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1876: 330, as SPHENOPHORINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 66, as SPHENOPHORINI); First Reviser (SPHENOPHORINI Lacordaire, 1865 vs SPHENOCORYNINI Lacordaire, 1865) not determined, current usage maintained.

SPHÉNOCORYNIDES Lacordaire, 1865: 279 [stem: *Sphenocoryn-*]. Type genus: *Sphenocorynes* Schönherr, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Aurivillius (1886: 97, as SPHENOCORYNINAE), generally accepted as in Csiki (1936: 20, as SPHENOCORYNI).

OXYOPISTHINAE Kolbe, 1899: 5 [stem: *Oxyopisth-*]. Type genus: *Oxyopisthen* sensu Lacordaire, 1865 [not *Oxyopisthen* J. Thomson, 1858; syn. of *Korotyaevius* Alonso-Zarazaga and Lyal, 1999]. Comment: based on misidentified type genus.



**Subfamily STROMBOSKERINAE Lacordaire, 1865**

STROMBOSCÉRIDES Lacordaire, 1865: 306 [stem: *Stromboscer-*]. Type genus: *Stromboscerus* Schönherr, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as STROMBOCERINAE [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 68, as STROMBOSKERINAE).

**Family BRACHYCERIDAE Billberg, 1820**

BRACHYCERIDES Billberg, 1820a: 39 [stem: *Brachycer-*]. Type genus: *Brachycerus* A. G. Olivier, 1789.

**Subfamily BRACHYCERINAE Billberg, 1820**

BRACHYCERIDES Billberg, 1820a: 39 [stem: *Brachycer-*]. Type genus: *Brachycerus* A. G. Olivier, 1789. Comment: the tribal classification used here follows Oberprieler (2010).

**Tribe BRACHYCERINI Billberg, 1820**

BRACHYCERIDES Billberg, 1820a: 39 [stem: *Brachycer-*]. Type genus: *Brachycerus* A. G. Olivier, 1789.

PROTOMANTIINAE Aurivillius, 1886: 21, in key [stem: *Protomanti-*]. Type genus: *Protomantis* Schönherr, 1840.

**Tribe BYRSOPINI Germar, 1829**

CRYPTOPSIDES Schönherr, 1826: 65 [stem: *Cryptop-*]. Type genus: *Cryptops* Schönherr, 1823 [preoccupied genus name, not *Cryptops* Leach, 1814 [Chilopoda]; syn. of *Byrsops* Germar, 1829]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

BYRSOPTIDES Germar, 1829: 358 [stem: *Byrsop-*]. Type genus: *Byrsops* Germar, 1829. Comment: incorrect original stem formation, not in prevailing usage.

BYRSOPSIDES Schönherr, 1833: 14 [stem: *Byrsop-*]. Type genus: *Byrsops* Schönherr, 1833 [preoccupied genus name, not *Byrsops* Germar, 1829 [Coleoptera: CURCULIONIDAE: BYRSOPINI]; syn. of *Byrsops* Germar, 1829]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

BROTHEINAE G. A. K. Marshall, 1907: 89 [stem: *Brothe-*]. Type genus: *Brotheus* Stephens, 1829. Comment: junior homonym of BROTHEINI Simon, 1879 in Scorpiones (type genus *Brotheas* C. L. Koch, 1837); this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

BROTHEUSINI Alonso-Zarazaga and Lyal, 2006: 24 [stem: *Brotheus-*]. Type genus: *Brotheus* Stephens, 1829. Comment: unnecessary replacement name for BROTHEINAE Marshall, 1907 because of the homonymy of the family-group name; BROTHEINAE/-INI/-INA Simon, 1879 (type genus *Brotheas* C. L. Koch, 1837) has been used as valid in Scorpiones in recent literature, e.g., Prendini

and W. C. Wheeler (2005); the stem used by Alonso-Zarazaga and Lyal (2006) was chosen in accordance with Art. 29.6.

### **Subfamily CRYPTOLARYNGINAE Schalkwyk, 1966**

CRYPTOPHARYNGINAE G. A. K. Marshall, 1957: 18 [stem: *Cryptopharyng-*]. Type genus: *Cryptopharynx* G. A. K. Marshall, 1957 [preoccupied genus name, not *Cryptopharynx* Kahl, 1928 [Protozoa]; syn. of *Cryptolarynx* Schalkwyk, 1966]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

CRYPTOLARYNGINAE Schalkwyk, 1966: 745 [stem: *Cryptolaryng-*]. Type genus: *Cryptolarynx* Schalkwyk, 1966. Comment: replacement name for CRYPTOPHARYNGINAE G. A. K. Marshall, 1957 because of the homonymy of the type genus.

PERIEGINI Legalov, 2003: 68 [stem: *Perieg-*]. Type genus: *Perieges* Schönherr, 1842.

### **Subfamily ERIRHININAE Schönherr, 1825**

ERIRHINIDES Schönherr, 1825: column 582 [stem: *Erirhin-*]. Type genus: *Erirhinus* Schönherr, 1825 [syn. of *Notaris* Germar, 1817].

### **Tribe AONYCHINI Zimmerman, 1993**

AONYCHINI Zimmerman, 1993: 136, in key [stem: *Aonych-*]. Type genus: *Aonychus* Schönherr, 1844. Comment: junior homonym of AONYCHINI Davis, 1978 in Mammalia (type genus *Aonyx* Lesson, 1827); this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

AONYCHUSINI Zimmerman, 1999: 72 [stem: *Aonychus-*]. Type genus: *Aonychus* Schönherr, 1844. Comment: unnecessary replacement name for AONYCHINI Zimmerman, 1993 because of the homonymy of the family-group name; the stem used by Zimmerman (1999) was chosen in accordance with Art. 29.6.

### **Tribe ARTHROSTENINI Reitter, 1913**

ARTHROSTENINI Reitter, 1913b: 57, in key [stem: *Arthrosten-*]. Type genus: *Arthrostenus* Schönherr, 1826.

### **†Tribe CRETULIINI Legalov, 2009**

CRETULIINI Legalov, 2009c: 293 [stem: *Cretuli-*]. Type genus: *Cretulio* Zherikhin, 1993.

### **Tribe ERIRHININI Schönherr, 1825**

ERIRHINIDES Schönherr, 1825: column 582 [stem: *Erirhin-*]. Type genus: *Erirhinus* Schönherr, 1825 [syn. of *Notaris* Germar, 1817].

RHYNCHAENIDES Latreille, 1828: 599 [stem: *Rhynchaen-*]. Type genus: *Rhynchaenus* sensu Latreille, 1828 [not *Rhynchaenus* Clairville, 1798; syn. of *Notaris* Germar, 1817]. Comment: based on a misidentified type genus; an application will need to be submitted to the Commission to suppress this name for

the Principles of Priority and Homonymy (Art. 65.2.1) if RHYNCAHENIDAE Blanchard, 1853 in CURCULIONINAE: RHAMPHINI: RHAMPHINA is to be used as valid in the future.

NOTARINI Zumpt, 1929: 216 [stem: *Notar-*]. Type genus: *Notaris* sensu Tournier, 1874 [not *Notaris* Germar, 1817; syn. of *Tournotaris* Alonso-Zarazaga and Lyal, 1999]. Comment: based on a misidentified type genus.

NOTODERMINA Voss, 1952: 196, in note [stem: *Notoderm-*]. Type genus: *Notodermus* Desbrochers des Loges, 1875 [syn. of *Procas* Stephens, 1831].

### **Tribe HIMASTHLOPHALLINI Zherikhin, 1991**

HIMASTHLOPHALLINI Zherikhin, 1991: 31 [stem: *Himasthlophall-*]. Type genus: *Himasthlophallus* Egorov and Zherikhin, 1991.

### **Tribe STENOPELMI LeConte, 1876**

STENOPELMI J. L. LeConte, 1876: 179 [stem: *Stenopelm-*]. Type genus: *Stenopelmus* Schönherr, 1835.

LISSORHOPTRINAE Böving and Craighead, 1931: 67, in key [stem: *Lissorhoptr-*]. Type genus: *Lissorhoptrus* J. L. LeConte, 1876.

### **Tribe TADIINI Zimmerman, 1993**

TADIINI Zimmerman, 1993: 136, in key [stem: *Tadi-*]. Type genus: *Tadius* Pascoe, 1885.

### **Tribe TANYSPHYRINI Gistel, 1848**

TANYSPHYRIDAE Gistel, 1848: [8] [stem: *Tanysphyr-*]. Type genus: *Tanysphyrus* Germar, 1817.

BRACHYPI J. L. LeConte, 1876: 180 [stem: *Brachypod-*]. Type genus: *Brachypus* Schönherr, 1826 [preoccupied genus name, not *Brachypus* Meyer, 1814 [Aves]; syn. of *Brachygyius* G. A. K. Marshall, 1939]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

### **Subfamily OCLADIINAE Lacordaire, 1865**

OCLADIIDES Lacordaire, 1865: 79 [stem: *Ocladi-*]. Type genus: *Ocladius* Schönherr, 1825.

### **Tribe DESMIDOPHORINI Morimoto, 1962**

DESMIDOPHORINAE Morimoto, 1962a: 32, in key [stem: *Desmidophor-*]. Type genus: *Desmidophorus* Dejean, 1835.

### **Tribe OCLADIINI Lacordaire, 1865**

OCLADIIDES Lacordaire, 1865: 79 [stem: *Ocladi-*]. Type genus: *Ocladius* Schönherr, 1825. Comment: original vernacular name available (Art. 11.7.2): first

used in latinized form by Hustache (1925: 9, as OCLADIINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 63, as OCLADIINI).

**Subfamily RAYMONDIONYMINAE Reitter, 1913**

RAYMONDIONYMINI Reitter, 1913b: 58, in key [stem: *Raymondionym-*]. Type genus: *Raymondionymus* Wollaston, 1873.

**Tribe MYRTONYMINI Kuschel, 1990**

MYRTONYMINA Kuschel, 1990: 80 [stem: *Myrtonym-*]. Type genus: *Myrtonymus* Kuschel, 1990.

**Tribe RAYMONDIONYMINI Reitter, 1913**

RAYMONDIONYMINI Reitter, 1913b: 58, in key [stem: *Raymondionym-*]. Type genus: *Raymondionymus* Wollaston, 1873.

**Family CURCULIONIDAE Latreille, 1802**

CURCULIONITES Latreille, 1802: 195 [stem: *Curculion-*]. Type genus: *Curculio* Linnaeus, 1758.

**Subfamily CURCULIONINAE Latreille, 1802**

CURCULIONITES Latreille, 1802: 195 [stem: *Curculion-*]. Type genus: *Curculio* Linnaeus, 1758.

**Tribe ACALYPTINI Thomson, 1859**

ACALYPTINA C. G. Thomson, 1859: 143 [stem: *Acalypt-*]. Type genus: *Acalyptus* Schönherr, 1833.

**Subtribe ACALYPTINA Thomson, 1859**

ACALYPTINA C. G. Thomson, 1859: 143 [stem: *Acalypt-*]. Type genus: *Acalyptus* Schönherr, 1833.

**Subtribe DERELOMINA Lacordaire, 1865**

DÉRÉLOMIDES Lacordaire, 1865: 9 [stem: *Derelom-*]. Type genus: *Derelomus* Schönherr, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Marseul (1866: 109, as DERELOMIDAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 77, as DERELOMINI).

HOPLORRHININA Champion, 1903: 277 [stem: *Hoplorhin-*]. Type genus: *Hoplorhinus* Chevrolat, 1878 [as *Hoplorrhinus*, incorrect subsequent spelling of type genus name, not in prevailing usage; syn. of *Celetes* Schönherr, 1836]. Comment: incorrect original stem formation, not in prevailing usage.

CELETINI Voss, 1954: 344 [stem: *Celet-*]. Type genus: *Celetes* Schönherr, 1836. Comment: description by indication (distinguishing characters given in

Champion (1903: 277, as HOPLORRHININA)); name proposed to replace HOPLORRHININI Champion, 1903 because of synonymy of the type genus; CELETINI is not in prevailing usage (Art. 40.2.1).

**Subtribe NOTOLOMINA Franz, 2006**

NOTOLOMINA N. M. Franz, 2006: 276 [stem: *Notolom-*]. Type genus: *Notolomus* J. L. LeConte, 1876.

**Subtribe PHYLLOTROGINA Franz, 2006**

PHYLLOTROGINA N. M. Franz, 2006: 276 [stem: *Phyllotrog-*]. Type genus: *Phyllotrox* Schönherr, 1843.

**Subtribe STAMINODEINA Franz, 2006**

STAMINODEINA N. M. Franz, 2006: 277 [stem: *Staminode-*]. Type genus: *Staminodeus* Franz, 2001.

**Tribe ACENTRUSINI Alonso-Zarazaga, 2005**

ACENTRINA Seidlitz, 1890: 608 [stem: *Acentr-*]. Type genus: *Acentrus* Schönherr, 1845 [preoccupied genus name, not *Acentrus* Duponchel, 1839 [Coleoptera: CURCULIONIDAE: CURCULIONINAE: ACENTRUSINI]; syn. of *Acentrus* Duponchel, 1839]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ACENTRUSINI Alonso-Zarazaga, 2005: 92 [stem: *Acentrus-*]. Type genus: *Acentrus* Duponchel, 1839. Comment: replacement name for ACENTRINI Seidlitz, 1890 because of the homonymy of the family-group name; the stem used by Alonso-Zarazaga (2005) was chosen in accordance with Art. 29.6.

**Tribe ANCYLOCNEMIDINI Voss, 1962**

ANCYLOCNEMINI Voss, 1962: 339 [stem: *Ancylocnemid-*]. Type genus: *Ancylocnemis* G. A. K. Marshall, 1920. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe ANTHONOMINI Thomson, 1859**

ANTHONOMINA C. G. Thomson, 1859: 144 [stem: *Anthonom-*]. Type genus: *Anthonomus* Germar, 1817.

\*BRACHONYDES Tournier, 1874: 68, in key [stem: *Brachonych-*]. Type genus: *Brachonyx* Schönherr, 1825. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Tournier (1874); Alonso-Zarazaga and Lyal (1999: 74) attributed this name to the correct author but did not use it as a valid taxon; incorrect original stem formation, not in prevailing usage.

LONCOPHORINI Pierce, 1916: 467 [stem: *Loncophor-*]. Type genus: *Loncophorus* Chevrolat, 1832.

BRADYBATINI Pierce, 1919: 26, in key [stem: *Bradybat-*]. Type genus: *Bradybatus* Germar, 1824.

BRACHONYCHINA Voss, 1944: 38, in key [stem: *Brachonych-*]. Type genus: *Brachonyx* Schönherr, 1825.

TACHYPTERELLINA Voss, 1944: 38, in key [stem: *Tachypterell-*]. Type genus: *Tachypterellus* Fall and Cockerell, 1907 [syn. of *Anthonomus* Germar, 1817].

### **Tribe CAMAROTINI Schönherr, 1833**

CAMAROTIDES Schönherr, 1833: 4 [stem: *Camarot-*]. Type genus: *Camarotus* Germar, 1817.

#### **Subtribe CAMAROTINA Schönherr, 1833**

CAMAROTIDES Schönherr, 1833: 4 [stem: *Camarot-*]. Type genus: *Camarotus* Germar, 1817.

#### **Subtribe PRIONOMERINA Lacordaire, 1863**

PRIONOMÉRIDES Lacordaire, 1863: 598 [stem: *Prionomer-*]. Type genus: *Prionomerus* Schönherr, 1835 [syn. of *Odontopus* Say, 1831]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as PRIONOMERINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 75, as PRIONOMERINA).

### **Tribe CERATOPODINI Lacordaire, 1863**

CÉRATOPIDES Lacordaire, 1863: 589 [stem: *Ceratopod-*]. Type genus: *Ceratopus* Schönherr, 1843. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as CERATOPINAE [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 76, as CERATOPODINI); incorrect original stem formation, not in prevailing usage.

### **Tribe CIONINI Schönherr, 1825**

CIONIDES Schönherr, 1825: column 587 [stem: *Cion-*]. Type genus: *Cionus* Clairville, 1798.

### **Tribe CRANOPOEINI Kuschel, 2009**

CRANOPOEINI Kuschel, 2009: 44 [stem: *Cranopoe-*]. Type genus: *Cranopoeus* G. A. K. Marshall, 1931.

### **Tribe CRYPTOPLINI Lacordaire, 1863**

CRYPTOPLIDES Lacordaire, 1863: 486 [stem: *Cryptopl-*]. Type genus: *Cryptoplus* Erichson, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1876: 175, as CRYPTOPLI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 76, as CRYPTOPLINI).



HAPLONYCIDES Lacordaire, 1865: 16 [stem: *Haplonych*-]. Type genus: *Haplonyx* Schönherr, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as HAPLONYCHINAE), generally accepted as in Schenkling and G. A. K. Marshall (1936: 1, as HAPLONYCHINAE); incorrect original stem formation, not in prevailing usage; this name is a junior homonym of HAPLONYCHINI Burmeister, 1855 (type genus *Haplonycha* Dejean, 1836) proposed in SCARABAEIDAE and now a synonym of LIPARETRINI H. C. C. Burmeister, 1855; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1) if either of those names is to be used as valid in the future.

### **Tribe CURCULIONINI Latreille, 1802**

CURCULIONITES Latreille, 1802: 195 [stem: *Curculion*-]. Type genus: *Curculio* Linnaeus, 1758.

#### **Subtribe CURCULIONINA Latreille, 1802**

CURCULIONITES Latreille, 1802: 195 [stem: *Curculion*-]. Type genus: *Curculio* Linnaeus, 1758.

BALANINIDAE Gistel, 1848: [7] [stem: *Balanin*-]. Type genus: *Balaninus* Germar, 1817 [syn. of *Curculio* Linnaeus, 1758].

#### **Subtribe PSEUDOBALANININA Heller, 1925**

PSEUDOBALANININA Heller, 1925b: 94, in key [stem: *Pseudobalanin*-]. Type genus: *Pseudobalaninus* Faust, 1889.

#### **Subtribe TIMOLINA Heller, 1925**

TIMOLINA Heller, 1925b: 94, in key [stem: *Timol*-]. Type genus: *Timola* Pascoe, 1886.

### **Tribe DIABATHRARIINI Lacordaire, 1863**

DIABATHRARIIDES Lacordaire, 1863: 407 [stem: *Diabathrari*-]. Type genus: *Diabathrarius* Schönherr, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as DIABATHRARIINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 141, as DIABATHRARIINI); transfer from CYCLOMINAE by Oberprieler (2010).

### **Tribe ELLESCINI Thomson, 1859**

ELLESCINA C. G. Thomson, 1859: 143 [stem: *Ellesc*-]. Type genus: *Ellescus* Dejean, 1821 [as *Elleschus*, unjustified emendation of type genus name by Schönherr (1837), not in prevailing usage].

#### **Subtribe DORYTOMINA Bedel, 1886**

DORYTOMINI Bedel, 1886: 280 [stem: *Dorytom*-]. Type genus: *Dorytomus* Germar, 1817.

**Subtribe ELLESCINA Thomson, 1859**

ELLESCINA C. G. Thomson, 1859: 143 [stem: *Ellesc-*]. Type genus: *Ellescus* Dejean, 1821 [as *Elleschus*, unjustified emendation of type genus name by Schönherr (1837), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe ERODISCINI Lacordaire, 1863**

ERODISCIDES Lacordaire, 1863: 566 [stem: *Erodisc-*]. Type genus: *Erodiscus* sensu Lacordaire, 1863 [Lacordaire excluded the type species of *Erodiscus* Schönherr, 1825 to place it in *Toxeutes* Schönherr, 1843; the five species that Lacordaire included in *Erodiscus* are now placed in *Sicoderus* Vanin, 1986, *Prosicoderus* Vanin, 1986 and *Pimelerodius* Vanin, 1986]. Comment: based on a misidentified type genus; MAAZ and CHCL will submit an application for the conservation of this name by designating *Erodiscus* Schönherr, 1825 as its type genus.

**Tribe EUGNOMINI Lacordaire, 1863**

EUGNOMIDES Lacordaire, 1863: 499 [stem: *Eugnom-*]. Type genus: *Eugnomus* Schönherr, 1847.

**Subtribe EUGNOMINA Lacordaire, 1863**

EUGNOMIDES Lacordaire, 1863: 499 [stem: *Eugnom-*]. Type genus: *Eugnomus* Schönherr, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1876: 174, as EUGNOMI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 79, as EUGNOMINI); First Reviser found (EUGNOMINA Lacordaire, 1863 vs SCOLOPTERINA Lacordaire, 1863) is Voss (1937a: 37).

SCOLOPTÉRIDES Lacordaire, 1863: 565 [stem: *Scolopter-*]. Type genus: *Scolopterus* A. White, 1846. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as SCOLOPTERINAE), generally accepted as in Broun (1880: 472 as SCOLOPTERIDAE).

PACTOLINA Voss, 1936: 112, in key [stem: *Pactol-*]. Type genus: *Pactola* Pascoe, 1876.

STEPHANORHYNCHINA Voss, 1936: 112 [stem: *Stephanorhynch-*]. Type genus: *Stephanorhynchus* A. White, 1846.

**Subtribe MERIPHINA Marshall, 1937**

MERIPHINAE G. A. K. Marshall, 1937a: 329 [stem: *Meriph-*]. Type genus: *Meriphus* Erichson, 1842.

**Tribe GONIPTERINI Lacordaire, 1863**

GONIPTÉRIDES Lacordaire, 1863: 391 [stem: *Gonipter-*]. Type genus: *Gonipterus* Schönherr, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as GONIPTERINAE), gener-

ally accepted as in Alonso-Zarazaga and Lyal (1999: 141, as GONIPTERINI); transfer from CYCLOMINAE by Oberprieler (2010).

### Tribe MECININI Gistel, 1848

MECINIDAE Gistel, 1848: [7] [stem: *Mecin-*]. Type genus: *Mecinus* Germar, 1821. GYMNETRINA C. G. Thomson, 1859: 143 [stem: *Gymnetr-*]. Type genus: *Gymnetron* Schönherr, 1825. Comment: junior homonym of GYMNETRINAE Swainson, 1839 in Pisces (type genus *Gymnetrus* Bloch, 1795).

MIARIDES Tournier, 1874: 66 [stem: *Miar-*]. Type genus: *Miarus* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Pierce (1919: 30, as MIARINAE).

MIARINI Zherikhin, 1991: 123 [stem: *Miar-*]. Type genus: *Miarus* Schönherr, 1826. Comment: family-group name proposed as new without reference to MIARIDES Tournier, 1874.

### Tribe NERTHOPINI Lacordaire, 1865

NERTHOPIDES Lacordaire, 1865: 19 [stem: *Nerthop-*]. Type genus: *Nerthops* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as NERTHOPINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 80, as NERTHOPINI); precedence (NERTHOPINI Lacordaire, 1865 vs ACALLOPISTINI Lacordaire, 1865) given to taxon originally proposed at the higher rank (Art. 24.1).

\*MICROSTYLIDES Lacordaire, 1865: 20 [stem: *Microstyl-*]. Type genus: *Microstylus* Schönherr, 1847. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1865); subsequent usage of MICROSTYLINAE by Hoffmann (1968: 27) and MICROSTYLIDAE by Ienistea (1986: 33) did not validate this name because these authors did not attribute their names to Lacordaire, 1865; MICROSTYLINAE Hoffmann, 1968: 27 and MICROSTYLIDAE Ienistea, 1986: 33 are also unavailable because they were proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

ACALLOPISTIDES Lacordaire, 1865: 22 [stem: *Acalloplast-*]. Type genus: *Acalloplastus* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hustache (1932: 371, as ACALLOPISTINAE), generally accepted as in Hustache (1934: 3, as ACALLOPISTINI).

ARCHOLABINAE Voss, 1929a: 200 [stem: *Archolab-*]. Type genus: *Archolabus* Voss, 1929.

### Tribe OTIDOCEPHALINI Lacordaire, 1863

OTIDOCÉPHALIDES Lacordaire, 1863: 568 [stem: *Otidocephal-*]. Type genus: *Otidocephalus* Chevrolat, 1832. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as OTIDOCEPHALINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 80, as OTIDOCEPHALINI).

**Tribe PIAZORHININI Lacordaire, 1863**

PIAZORHINIDES Lacordaire, 1863: 601 [stem: *Piazorhin-*]. Type genus: *Piazorhinus* Schönherr, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kirsch (1875: 162, as PIAZORHINIDAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 81, as PIAZORHININI).

**Tribe PRIONOBRACHIINI Hustache, 1938**

PRIONOBRACHIINA Hustache, 1938: 90, in key [stem: *Prionobrachi-*]. Type genus: *Prionobrachium* Faust, 1894.

**Tribe PYROPINI Lacordaire, 1865**

PYROPIDES Lacordaire, 1865: 187 [stem: *Pyrop-*]. Type genus: *Pyropus* Schönherr, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as PYROPINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 81, as PYROPINI).

**Tribe RHAMPHINI Rafinesque, 1815**

RAMPHORIA Rafinesque, 1815: 115 [stem: *Rhamph-*]. Type genus: *Rhamphus* Clairville, 1798 [as *Ramphorus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe DINORHOPALINA Voss, 1936**

DINORRHOPALINA Voss, 1936: 112, in key [stem: *Dinorhopal-*]. Type genus: *Dinorhopala* Pascoe, 1860 [as *Dinorrhopala*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe IXALMINA Voss, 1936**

IXALMINA Voss, 1936: 112, in key [stem: *Ixalm-*]. Type genus: *Ixalma* Pascoe, 1871.

**Subtribe RHAMPHINA Rafinesque, 1815**

RAMPHORIA Rafinesque, 1815: 115 [stem: *Rhamph-*]. Type genus: *Rhamphus* Clairville, 1798 [as *Ramphorus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

RHAMPHIDES Schönherr, 1823: column 1136 [stem: *Rhamph-*]. Type genus: *Rhamphus* Clairville, 1798. Comment: family-group name proposed as new without reference to RAMPHORIA Rafinesque, 1815.

ORCHESTIDES Latreille, 1828: 601 [stem: *Orchest-*]. Type genus: *Orchestes* Illiger, 1798.

RHYNCHENIDAE Blanchard, 1853: 240 [stem: *Rhynchaen*-]. Type genus: *Rhynchaenus* Clairville, 1798. Comment: incorrect original stem formation, not in prevailing usage; an application will need to be submitted to the Commission to suppress RHYNCHAENIDES Latreille, 1828 (based on the misidentified type genus *Rhynchaenus* sensu Latreille, 1828) for the Principles of Priority and Homonymy (Art. 65.2.1) if this name is to be used as valid.

### **Subtribe TACHYGONINA Lacordaire, 1865**

TACHYGONIDES Lacordaire, 1865: 167 [stem: *Tachygon*-]. Type genus: *Tachygonus* Schönherr, 1833 [syn. of *Tachygonus* Guérin-Méneville, 1833]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as TACHYGONINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 82, as TACHYGONINA); the type genus for Lacordaire's TACHYGONIDES is *Tachygonus* Schönherr, 1833; an application will be submitted by MAAZ and CHCL to the Commission to designate *Tachygonus* Guérin-Méneville, [1833] as the type genus of this family-group name.

### **Tribe SMICRONYCHINI Seidlitz, 1891 *nomen protectum***

DESMORHINES J. L. LeConte, 1876: 167 [stem: *Desmorin*-]. Type genus: *Desmoris* J. L. LeConte, 1876 [syn. of *Smicronyx* Schönherr, 1843]. Comment: *nomen oblitum* (see Appendix 1); incorrect original stem formation, not in prevailing usage.

SMICRONYCINA Seidlitz, 1891 [Gatt.]: 162 [stem: *Smicronych*-]. Type genus: *Smicronyx* Schönherr, 1843. Comment: *nomen protectum* (see Appendix 1); incorrect original stem formation, not in prevailing usage.

### **Tribe SPHAERIOPOEINI Kuschel, 2003**

SPHAERIOPOEINI Kuschel, 2003: 63 [stem: *Sphaeriopoe*-]. Type genus: *Sphaeriopoeus* Kuschel, 2003.

### **Tribe STOREINI Lacordaire, 1863**

STORÉIDES Lacordaire, 1863: 494 [stem: *Store*-]. Type genus: *Storeus* Schönherr, 1843. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kirsch (1877: 170, as STOREIDAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 82, as STOREINI).

HYBOMORPHIDES Lacordaire, 1865: 141 [stem: *Hybomorph*-]. Type genus: *Hybomorphus* Saunders and Jekel, 1855. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Hustache (1936: 261, as HYBOMORPHINA).

**Tribe STYPHLINI Jekel, 1861**

STYPHLIDAE Jekel, 1861: 274 [stem: *Styphl*-]. Type genus: *Styphlus* Schönherr, 1826.

\*ORTHOCHAETINI A. Winkler, 1932: 1544 [stem: *Orthochaet*-]. Type genus: *Orthochaetes* Germar, 1824. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

ORTHOCAETINA Morimoto, 1962a: 56, in key [stem: *Orthochaet*-]. Type genus: *Orthochaetes* Germar, 1824. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe TYCHIINI Gistel, 1848**

TYCHIIDAE Gistel, 1848: [7] [stem: *Tychi*-]. Type genus: *Tychius* Germar, 1817.

**Subtribe DEMIMAEINA Voss, 1937**

DEMIMAEINI Voss, 1937b: 144 [stem: *Demimae*-]. Type genus: *Demimaea* Pascoe, 1870.

**Subtribe LIGNYODINA Bedel, 1884**

LIGNYODINI Bedel, 1884a: 66, in key [stem: *Lignyod*-]. Type genus: *Lignyodes* Dejean, 1835.

**Subtribe OCHYROMERINA Voss, 1935**

OCHYROMERINA Voss, 1935a: 228 [stem: *Ochyromer*-]. Type genus: *Ochyromera* Pascoe, 1874.

ENDAEINI Voss, 1958: 101, in key [stem: *Endae*-]. Type genus: *Endaeus* Schönherr, 1826.

**Subtribe TYCHIINA Gistel, 1848**

TYCHIIDAE Gistel, 1848: [7] [stem: *Tychi*-]. Type genus: *Tychius* Germar, 1817.

MICCOTROGIDAE Gistel, 1856a: 371 [stem: *Miccotrog*-]. Type genus: *Miccotrogus* Schönherr, 1825 [syn. of *Tychius* Germar, 1817].

SIBYNIDAE Marseul, 1863: 239 [stem: *Sibini*-]. Type genus: *Sibinia* Germar, 1817 [as *Sibynes*, unjustified emendation of type genus name by Schönherr (1825), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe ULOMASCINI Lacordaire, 1865**

ULOMASCIDES Lacordaire, 1865: 184 [stem: *Ulomasc*-]. Type genus: *Ulomascus* Fairmaire, 1848. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as ULOMASCINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 86, as ULOMASCINI).



**Tribe VITICINI Morimoto, 1983**

VITICINAE Morimoto, 1983: 55 [stem: *Vitici*-.]. Type genus: *Vitidis* Lea, 1930.  
 Comment: transfer from Cyclominae by Oberprieler (2010).

**Subfamily BAGOINAE Thomson, 1859 *nomen protectum***

LYPRIIDAE Gistel, 1848: [7] [stem: *Lypr*-.]. Type genus: *Lyprus* Schönherr, 1826 [syn. of *Bagous* Germar, 1817]. Comment: as pointed out by Alonso-Zarazaga and Lyal (2002: 17) this is the oldest available name for the subfamily; LYPRINAE Gistel, 1848 was recently considered a *nomen oblitum* by Colonnelli (2003: 7) however the necessary supporting references were not provided; we hereby consider LYPRINAE Gistel 1848 as a *nomen oblitum* (see supporting references in Appendix 1); incorrect original stem formation, not in prevailing usage.

BAGOINA C. G. Thomson, 1859: 135 [stem: *Bago*-.]. Type genus: *Bagous* Germar, 1817.  
 Comment: *nomen protectum* (see Appendix 1).

HYDRONOMIDES Lacordaire, 1863: 483 [stem: *Hydronom*-.]. Type genus: *Hydronomus* Schönherr, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1876: 182, as HYDRONOMI), generally accepted as in Zimmerman (1993: 150, as HYDRONOMINI).

PSEUDOBAGOINI Sharp, 1917: 26 [stem: *Pseudobago*-.]. Type genus: *Pseudobagous* Sharp, 1917.

**Subfamily BARIDINAE Schönherr, 1836**

BARIDIDES Schönherr, 1836: 636 [stem: *Barid*-.]. Type genus: *Baris* Germar, 1817 [as *Baridius*, unjustified emendation of type genus name by Schönherr (1825), not in prevailing usage].

**Tribe AMBATINI Lacordaire, 1863**

AMBATIDES Lacordaire, 1863: 512 [stem: *Ambat*-.]. Type genus: *Ambates* Schönherr, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as AMBATINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 93, as AMBATINI).

\*PTERACANTHIDES Chevrolat, 1878: 341 [stem: *Pteracanth*-.]. Type genus: *Pteracanthus* Dejean, 1835. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; a family-group name with the same stem, PTERACANTHINA J. Thomson, 1864 (type genus *Pteracantha* Newman, 1838), is available in Coleoptera: CERAMBYCIDAE.

**Tribe ANOPSILINI Bondar, 1942**

ANOPSILINI Bondar, 1942: 253 [stem: *Anopsil*-.]. Type genus: *Anopsilus* Kirsch, 1870.

**Tribe APOSTASIMERINI Schönherr, 1844**

APOSTASIMERIDES Schönherr, 1844: 1 [stem: *Apostasimer-*]. Type genus: *Apostasimerus* Schönherr, 1844. Comment: see Prena (2009: 33) for details on authorship and taxa included in this tribe.

**Subtribe APOSTASIMERINA Schönherr, 1844**

\*APOSTASIMERIDES Schönherr, 1836: 557 [stem: *Apostasimer-*]. Type genus: *Apostasimerus* Schönherr, 1844. Comment: family-group name unavailable (Art. 11.7.1.1): not based on an available genus name at the time.

APOSTASIMERIDES Schönherr, 1844: 1 [stem: *Apostasimer-*]. Type genus: *Apostasimerus* Schönherr, 1844.

**Subtribe MADOPTERINA Lacordaire, 1865**

MADOPTÉRIDES Lacordaire, 1865: 243 [stem: *Madopter-*]. Type genus: *Madopterus* Schönherr, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kirsch (1870: 218, as MADOPTERIDAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 96, as MADOPTERINI).

**Subtribe THALIABARIDINA Bondar, 1943**

THALIABARINI Bondar, 1943b: 131 [stem: *Thaliabarid-*]. Type genus: *Thaliabaris* Bondar, 1943. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe TORCINA Bondar, 1943**

TORCOCINA Bondar, 1943a: 53 [stem: *Torc-*]. Type genus: *Torcus* Casey, 1922. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe ZYGOBARIDINA Pierce, 1907**

CENTRINIDES Jekel, 1865: 548 [stem: *Centrin-*]. Type genus: *Centrinus* Schönherr, 1825. Comment: junior homonym of CENTRININAE Swainson, 1839 in Pisces (type genus *Centrina* Cuvier 1817); this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

ZYGOBARI Pierce, 1907: 381 [stem: *Zygobarid-*]. Type genus: *Zygobaris* J. L. LeConte, 1876. Comment: incorrect original stem formation, not in prevailing usage; Alonso-Zarazaga and Lyal (1999: 97) and subsequent workers have used this name as valid instead of the junior homonym CENTRININA Jekel, 1865, we continue to use ZYGOBARIDINA as valid here.

LIMNOBARINI Casey, 1922: 269 [stem: *Limnobarid-*]. Type genus: *Limnobaris* Bedel, 1885. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe BARIDINI Schönherr, 1836**

BARIDIDES Schönherr, 1836: 636 [stem: *Barid-*]. Type genus: *Baris* Germar, 1817 [as *Baridius*, unjustified emendation of type genus name by Schönherr (1825), not in prevailing usage].

**Subtribe BARIDINA Schönherr, 1836**

BARIDIDES Schönherr, 1836: 636 [stem: *Barid-*]. Type genus: *Baris* Germar, 1817 [as *Baridius*, unjustified emendation of type genus name by Schönherr (1825), not in prevailing usage].

**Subtribe COELONERTINA Casey, 1922**

COELONERTINI Casey, 1922: 94 [stem: *Coelonert-*]. Type genus: *Coelonertus* Solari and Solari, 1906.

**Subtribe COLEOMERINA Casey, 1922**

COLEOMERINI Casey, 1922: 84 [stem: *Coleomer-*]. Type genus: *Coleomerus* Schönherr, 1836.

**Subtribe DIORYMERINA Jekel, 1865**

DIORYMERIDES Jekel, 1865: 548 [stem: *Diorymer-*]. Type genus: *Diorymerus* Schönherr, 1825.

**Subtribe EURHININA Lacordaire, 1865**

EURHINIDES Lacordaire, 1865: 220 [stem: *Eurhin-*]. Type genus: *Eurhinus* Illiger, 1807 [placed on the Official List of Generic Names in Zoology (ICZN 1985e)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pierce (1915: 15, as EURHININAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 92, as EURHININA); EURHININI Lacordaire, 1865 placed on the Official List of Family-Group Names in Zoology (ICZN 1985e).

**Tribe MADARINI Jekel, 1865**

MADARIDES Jekel, 1865: 550 [stem: *Madar-*]. Type genus: *Madarus* Schönherr, 1825. Comment: MADARINI, published on 25 January 1865, has priority over BARYMERINI and LEPTOSCHOININI both published by Lacordaire “before 12 December 1865”.

**Subtribe BARYMERINA Lacordaire, 1865**

BARYMÉRIDES Lacordaire, 1865: 259 [stem: *Barymer-*]. Type genus: *Barymerus* Lacordaire, 1865. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Faust (1896: 127, as BARYMERINORUM), generally accepted as in Alonso-Zarazaga and Lyal (1999: 94, as BARYMERINA).

SONNETIINI Casey, 1922: 321 [stem: *Sonneti*-]. Type genus: *Sonnetius* Casey, 1922.

**Subtribe EUTOXINA Champion, 1908**

EUTOXIDES Champion, 1908: 360 [stem: *Eutox*-]. Type genus: *Eutoxus* Schönherr, 1844.

**Subtribe LEPTOSCHOININA Lacordaire, 1865**

LEPTOSCHOÏNIDES Lacordaire, 1865: 236 [stem: *Leptoschoin*-]. Type genus: *Leptoschoinus* Dejean, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Faust (1896: 126, as LEPTOSCHOENORUM [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 94, as LEPTOSCHOININA).

**Subtribe MADARINA Jekel, 1865**

MADARIDES Jekel, 1865: 550 [stem: *Madar*-]. Type genus: *Madarus* Schönherr, 1825.

**Subtribe TONESIINA Alonso-Zarazaga and Lyal, 1999**

LYTÉRIIDES Lacordaire, 1865: 249 [stem: *Lyteri*-]. Type genus: *Lyterius* sensu Lacordaire, 1865 [not *Lyterius* Schönherr, 1844; syn. of *Tonesia* Casey, 1922]. Comment: based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principle of Priority (Art. 65.2.1).

TONESIINA Alonso-Zarazaga and Lyal, 1999: 95 [stem: *Tonesi*-]. Type genus: *Tonesia* Casey, 1922. Comment: although this is not the oldest name for the subtribe, we recommend that an application be submitted to the Commission to suppress LYTÉRIINI Lacordaire, 1865 because it is based on a misidentified type genus (Art. 65.2.1).

**Tribe NEOSHARPIINI Hoffmann, 1956**

NEOSHARPINI Hoffmann, 1956: 246 [stem: *Neosharpi*-]. Type genus: *Neosharpia* Hoffmann, 1956. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe NERTININI Voss, 1954**

\*NERTIDES Lacordaire, 1865: 238 [stem: *Nert*-]. Type genus: *Nertus* Schönherr, 1844 [preoccupied genus name, not *Nertus* Boie, 1828 [Aves]; syn. of *Nertinus* G. A. K. Marshall, 1943]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized and attributed to Lacordaire (1865); if found to be available then permanently invalid (Art. 39): based on preoccupied type genus.

NERTINI Bondar, 1949: 223 [stem: *Nert-*]. Type genus: *Nertus* Schönherr, 1844 [preoccupied genus name, not *Nertus* Boie 1828 [Aves]; syn. of *Nertinus* G. A. K. Marshall, 1943]. Comment: family-group name proposed as new without reference to NERTIDES Lacordaire, 1865; permanently invalid (Art. 39): based on preoccupied type genus.

NERTININA Voss, 1954: 323 [stem: *Nertin-*]. Type genus: *Nertinus* G. A. K. Marshall, 1943.

### **Tribe OPTATINI Champion, 1907**

OPTATIDES Champion, 1907: 185 [stem: *Optat-*]. Type genus: *Optatus* Pascoe, 1889.

### **Tribe PANTOTELINI Lacordaire, 1865**

PANTOTÉLIDES Lacordaire, 1865: 212 [stem: *Pantotel-*]. Type genus: *Pantoteles* Schönherr, 1845.

### **Subtribe CYRIONYCHINA Casey, 1922**

CYRIONICHINI Casey, 1922: 10 [stem: *Cyrionych-*]. Type genus: *Cyrionyx* Faust, 1896. Comment: incorrect original stem formation, not in prevailing usage.

### **Subtribe PANTOTELINA Lacordaire, 1865**

PANTOTÉLIDES Lacordaire, 1865: 212 [stem: *Pantotel-*]. Type genus: *Pantoteles* Schönherr, 1845. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as PANTOTELINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 102, as PANTOTELINI).

### **Tribe PERIDINETINI Lacordaire, 1865**

PÉRIDINÉTIDES Lacordaire, 1865: 209 [stem: *Peridinet-*]. Type genus: *Peridinetus* Schönherr, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1886: cliii, as PERIDINETINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 102, as PERIDINETINI).

### **Subfamily CEUTORHYNCHINAE Gistel, 1848**

CENTORHYNCHIDAE Gistel, 1848: [7] [stem: *Ceutorhynch-*]. Type genus: *Ceutorhynchus* Germar, 1824 [as *Centorhynchus*, incorrect subsequent spelling of type genus name, not in prevailing usage; placed on the Official List of Generic Names in Zoology (ICZN 1989c)]. Comment: incorrect original stem formation, not in prevailing usage; First Revisers found (CEUTORHYNCHINAE Gistel, 1848 vs PHYTOBIINAE Gistel, 1848) are Alonso-Zarazaga and Lyal (2002).

**Tribe CEUTORHYNCHINI Gistel, 1848**

CENTORHYNCHIDAE Gistel, 1848: [7] [stem: *Ceutorhynch-*]. Type genus: *Ceutorhynchus* Germar, 1824 [as *Centorhynchus*, incorrect subsequent spelling of type genus name, not in prevailing usage; placed on the Official List of Generic Names in Zoology (ICZN 1989c)]. Comment: incorrect original stem formation, not in prevailing usage.

ISORHYNCHIDES Lacordaire, 1865: 172 [stem: *Isorhynch-*]. Type genus: *Isorhynchus* Schönherr, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as ISORHYNCHINAE), generally accepted as in Hustache (1934: 72, as ISORHYNCHINI).

COELIODES J. L. LeConte, 1876: 268 [stem: *Coeli-*]. Type genus: *Coeliodes* Schönherr, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1989c)].

POOPHAGIDAE Schultze, 1902: 226 [stem: *Poophag-*]. Type genus: *Poophagus* Schönherr, 1837.

AMALINA Wagner, 1936: 166 [stem: *Amal-*]. Type genus: *Amalus* Schönherr, 1825.

PHRYDIUCHINA Wagner, 1938: 163 [stem: *Phrydiuch-*]. Type genus: *Phrydiuchus* Gozis, 1885.

OXYONYXINA Hoffmann, 1957b: 220 [stem: *Oxyonych-*]. Type genus: *Oxyonyx* Faust, 1885. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe CNEMOGONINI Colonnelli, 1979**

CNEMOGONINI Colonnelli, 1979: 2 [stem: *Cnemogon-*]. Type genus: *Cnemogonus* J. L. LeConte, 1876.

**Tribe EGRINI Pajni and Kohli, 1982**

EGRINI Pajni and Kohli, 1982: 339, in key [stem: *Egri-*]. Type genus: *Egrius* Pascoe, 1865.

EGRINI Colonnelli, 1984: 209 [stem: *Egri-*]. Type genus: *Egrius* Pascoe, 1865. Comment: family-group name proposed as new without reference to EGRINI Pajni and Kohli, 1982.

**Tribe HYPOHYPURINI Colonnelli, 2004**

HYPOHYPURINI Colonnelli, 2004: 10 [stem: *Hypohypur-*]. Type genus: *Hypohypurus* Hustache, 1920.

**Tribe HYPURINI Schultze, 1902**

HYPURIDAE Schultze, 1902: 209 [stem: *Hypur-*]. Type genus: *Hypurus* Rey, 1882.

**Tribe LIOXYONYCHINI Colonnelli, 1984**

LIOXYONYXINI Colonnelli, 1984: 209 [stem: *Lioxyonych-*]. Type genus: *Lioxyonyx* Hustache, 1933. Comment: incorrect original stem formation, not in prevailing usage.



**Tribe MECYSMODERINI Wagner, 1938**

MECYSMODERINA Wagner, 1938: 170 [stem: *Mecysmoder-*]. Type genus: *Mecysmoderes* Schönherr, 1837.

**Tribe MONONYCHINI LeConte, 1876**

MONONYCHI J. L. LeConte, 1876: 267 [stem: *Mononych-*]. Type genus: *Mononychus* Germar, 1824 [placed on the Official List of Generic Names in Zoology (ICZN 1989c)].

**Tribe PHYTOBIINI Gistel, 1848**

PHYTOBIIDAE Gistel, 1848: [7] [stem: *Phytobi-*]. Type genus: *Phytobius* Schönherr, 1833 [placed on the Official List of Generic Names in Zoology (ICZN 2001)].  
RHINONCIDES C. G. Thomson, 1865: 231 [stem: *Rhinonc-*]. Type genus: *Rhinoncus* Schönherr, 1825 [placed on the Official List of Generic Names in Zoology (ICZN 1989c)].

**Tribe SCLEROPTERINI Schultze, 1902**

SCLEROPTERIDAE Schultze, 1902: 209 [stem: *Scleropter-*]. Type genus: *Scleropterus* Schönherr, 1825. Comment: the family-group name SCLÉROPTERIDES was used earlier by Solier (1834) in the Heteromera, however, Solier's name was not based on a genus name and is therefore unavailable; Agassiz (1846a: 146) incorrectly mentions *Scleropterus* as the type genus of Solier's name but this is impossible because the family-group and genus-group names belonged to different orders; Agassiz (1846b: 335) also latinized Solier's name as SCLEROPTEROIDAE.

**Subfamily CONODERINAE Schönherr, 1833**

CONODERIDES Schönherr, 1833: 26 [stem: *Conoder-*]. Type genus: *Conoderes* Schönherr, 1833.

**Tribe ARACHNOPODINI Lacordaire, 1865**

ARACHNOPIDES Lacordaire, 1865: 159 [stem: *Arachnopod-*]. Type genus: *Arachnopus* Guérin-Méneville, 1838 [syn. of *Arachnobas* Boisduval, 1835]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 232, as ARACHNOPINI [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 109, as ARACHNOPODINI); incorrect original stem formation, not in prevailing usage.

**Tribe CAMPYLOSCELINI Schönherr, 1845**

CAMPYLOSCELIDES Schönherr, 1845: 197 [stem: *Campyloscel-*]. Type genus: *Campyloscelus* Schönherr, 1845.

**Subtribe CAMPYLOSCELINA Schönherr, 1845**

CAMPYLOSCELIDES Schönherr, 1845: 197 [stem: *Campyloscel-*]. Type genus: *Campyloscelus* Schönherr, 1845.

**Subtribe CORYNEMERINA Hustache, 1929**

CORYNEMERINAE Hustache, 1929: 531 [stem: *Corynemer-*]. Type genus: *Corynemerus* Fåhræus, 1871.

**Subtribe PHAENOMERINA Faust, 1898**

PHAENOMERINA Faust, 1898: 76, in key [stem: *Phaenomer-*]. Type genus: *Phaenomerus* Schönherr, 1836 [placed on the Official List of Generic Names in Zoology (ICZN 1962)]. Comment: the stem of the senior homonym based on the SCARABAEIDAE genus *Phaenomeris* was emended to *Phaeromerid-* to remove the homonymy (ICZN 1962); available for family-group taxon below subfamily level and placed on the Official List of Family-Group Names in Zoology (ICZN 1962).

**Tribe CONODERINI Schönherr, 1833**

CONODERIDES Schönherr, 1833: 26 [stem: *Conoder-*]. Type genus: *Conoderes* Schönherr, 1833. Comment: the name CONODERINAE Fleutiaux, 1919 (type genus *Conoderus* Eschscholtz, 1829) is available in ELATERIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

CONOPHORIDES Schönherr, 1837: 719 [stem: *Conophor-*]. Type genus: *Conophorus* Schönherr, 1837 [preoccupied genus name, not *Conophorus* Meigen, 1803 [Diptera]; syn. of *Conoderes* Schönherr, 1833]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

**Tribe CORYSSOMERINI Thomson, 1859**

CORYSSOMERINA C. G. Thomson, 1859: 137 [stem: *Coryssomer-*]. Type genus: *Coryssomerus* Schönherr, 1825.

SYNOPHTHALMIDES Lacordaire, 1863: 514 [stem: *Synophthalm-*]. Type genus: *Synophthalmus* Lacordaire, 1863. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hustache (1932: 373, as SYNOPHTHALMINI), generally accepted as in Hustache (1934: 49, as SYNOPHTHALMINI).

METIALMINI Hustache, 1932: 374, in key [stem: *Metialm-*]. Type genus: *Metialma* Pascoe, 1871.

**Tribe CORYSSOPODINI Lacordaire, 1865**

CORYSSOPIDES Lacordaire, 1865: 163 [stem: *Coryssopod-*]. Type genus: *Coryssopus* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 232, as CORYSSOPINI [incorrect stem formation]), generally accepted as in Alonso-Zarazaga

and Lyal (1999: 110, as CORYSSOPODINI); incorrect original stem formation, not in prevailing usage.

\*SYMPIÉZOPIDES Lacordaire, 1865: 166 [stem: *Sympiezopod-*]. Type genus: *Sympiezopus* Schönherr, 1837. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g. Faust (1886b: 367, as SYMPIEZOPINORUM [incorrect stem formation]), but not generally attributed to Lacordaire (1865); incorrect original stem formation, not in prevailing usage.

### **Tribe LECHRIOPINI Lacordaire, 1865**

LÉCHRIOPIDES Lacordaire, 1865: 149 [stem: *Lechriop-*]. Type genus: *Lechriops* Schönherr, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 232, as LECHRIOPINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 111, as LECHRIOPINI).

COPTURIDAE Desbrochers des Loges, 1892: 68 [stem: *Coptur-*]. Type genus: *Copturus* Schönherr, 1825.

### **Tribe LOBOTRACHELINI Lacordaire, 1865**

LOBOTRACHÉLIDES Lacordaire, 1865: 172 [stem: *Lobotrachel-*]. Type genus: *Lobotrachelus* Schönherr, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Aurivillius (1910: 433, as LOBOTRACHELINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 111, as LOBOTRACHELINI).

### **Tribe MECOPINI Lacordaire, 1865**

MÉCOPIDES Lacordaire, 1865: 156 [stem: *Mecop-*]. Type genus: *Mecopus* Schönherr, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 232, as MECOPINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 111, as MECOPINI); current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Mecopod-*); if the stem is corrected, it would threaten stability of a widely used name in Orthoptera (see Alonso-Zarazaga and Lyal 1999: 111).

### **Tribe MENEMACHINI Lacordaire, 1865**

MÉNÉMACHIDES Lacordaire, 1865: 27 [stem: *Menemach-*]. Type genus: *Menemachus* Schönherr, 1843. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as MNEMACHINAE [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 112, as MENEMACHINI).

### **Tribe OTHIPPIINI Morimoto, 1962**

OTHIPPIINI Morimoto, 1962a: 47, in key [stem: *Othippi-*]. Type genus: *Othippia* Pascoe, 1874.

**Tribe PELOROPODINI Hustache, 1932**

PELEROPINI Hustache, 1932: 372, in key [stem: *Peloropod*-]. Type genus: *Peloropus* Schönherr, 1836. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe PIAZURINI Lacordaire, 1865**

PIAZURIDES Lacordaire, 1865: 144 [stem: *Piazur*-]. Type genus: *Piazurus* Schönherr, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Faust (1899: 100, as PIAZURINORUM), generally accepted as in Alonso-Zarazaga and Lyal (1999: 113, as PIAZURINI).

**Tribe SPHADASMINI Lacordaire, 1865**

SPHADASMIDES Lacordaire, 1865: 161 [stem: *Sphadasm*-]. Type genus: *Sphadasmus* Schönherr, 1844. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Faust (1899: 102, as SPHADASMINORUM), generally accepted as in Alonso-Zarazaga and Lyal (1999: 114, as SPHADASMINI).

**Tribe TRICHODOCERINI Champion, 1906**

TRICHODOCERIDES Champion, 1906: 713 [stem: *Trichodocer*-]. Type genus: *Trichodocerus* Chevrolat, 1879.

**Tribe ZYGOPINI Lacordaire, 1865**

ZYGOPIDES Lacordaire, 1865: 142 [stem: *Zygop*-]. Type genus: *Zygops* Schönherr, 1825 [placed on the Official List of Generic Names in Zoology (ICZN 1987e)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as ZYGOPINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 114, as ZYGOPINI).

ECCOPTINAE Pierce, 1919: 30, in key [stem: *Eccopt*-]. Type genus: *Eccoptus* Dejean, 1821 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1987e); syn. of *Zygops* Schönherr, 1825]. Comment: permanently invalid (Art. 39): based on suppressed type genus.

CYLINDROCOPTURINI Böving, 1927b: 156, in key [stem: *Cylindrocoptur*-]. Type genus: *Cylindrocopturus* Heller, 1895.

**Subfamily COSSONINAE Schönherr, 1825**

COSSONIDES Schönherr, 1825: column 587 [stem: *Cosson*-]. Type genus: *Cossonus* Clairville, 1798.

**Tribe ACAMPTINI LeConte, 1876**

ACAMPTI J. L. LeConte, 1876: 238 [stem: *Acampt*-]. Type genus: *Acamptus* J. L. LeConte, 1876.

**Tribe ACANTHINOMERINI Voss, 1972**

ACANTHINOMERINI Voss, 1972: 382 [stem: *Acanthinomer*]. Type genus: *Acanthinomerus* Boheman, 1859.

**Tribe ALLOMORPHINI Folwaczny, 1973**

ALLOMORPHINI Folwaczny, 1973: 68, in key [stem: *Allomorph*]. Type genus: *Allomorphus* Folwaczny, 1968.

**Tribe APHYLLURINI Voss, 1955**

APHYLLURINA Voss, 1955a: 276 [stem: *Aphyllur*]. Type genus: *Aphyllura* Reitter, 1884.

**Tribe ARAUCARIINI Kuschel, 1966**

ARAUCARIINI Kuschel, 1966: 4 [stem: *Araucari*]. Type genus: *Araucarius* Kuschel, 1966.

**Tribe CHOERORHININI Folwaczny, 1973**

CHOERORHINI Folwaczny, 1973: 69, in key [stem: *Choerorhin*]. Type genus: *Choerorhinus* Fairmaire, 1858. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe COSSONINI Schönherr, 1825**

COSSONIDES Schönherr, 1825: column 587 [stem: *Cosson*]. Type genus: *Cossonus* Clairville, 1798.

**Tribe CRYPTOMMATINI Voss, 1972**

CRYPTOMMATINI Voss, 1972: 373 [stem: *Cryptommat*]. Type genus: *Cryptommata* Wollaston, 1877.

**Tribe DRYOTRIBINI LeConte, 1876**

DRYOTRIBI J. L. LeConte, 1876: 335 [stem: *Dryotrib*]. Type genus: *Dryotribus* G. H. Horn, 1873.

COTASTERINEN Faust, 1886a: 28 [stem: *Cotaster*]. Type genus: *Cotaster* Motschulsky, 1851. Comment: also as COTASTERIDEN on p. 31; original vernacular name available (Art. 11.7.2): first used in latinized form by Sainte-Claire Deville (1923: 63, as COTASTRINI [incorrect stem formation]), generally accepted as in Hansen (1996: 209, as COTASTERINI).

**Tribe MICROXYLOBIINI Voss, 1972**

MICROXYLOBIINI Voss, 1972: 431 [stem: *Microxylobi*]. Type genus: *Microxylobius* Chevrolat, 1836.

**Tribe NESIOBIINI Alonso-Zarazaga and Lyal, 1999**

NESIOTINAE Voss, 1972: 338 [stem: *Nesiot-*]. Type genus: *Nesiotes* Wollaston, 1861 [preoccupied genus name, not *Nesiotes* Martens, 1860 [Mollusca]; syn. of *Nesiobius* G. A. K. Marshall, 1943]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

NESIOBIINI Alonso-Zarazaga and Lyal, 1999: 119 [stem: *Nesiobi-*]. Type genus: *Nesiobius* G. A. K. Marshall, 1943. Comment: replacement name for NESIOTINAE Voss, 1872 because of the homonymy of the type genus.

**Tribe NEUMATORINI Folwaczny, 1973**

NEUMATORINI Folwaczny, 1973: 69, in key [stem: *Neumator-*]. Type genus: *Neumatora* Normand, 1920.

**Tribe ONYCHIINI Chapuis, 1869**

ONYCHIIDAE Chapuis, 1869: 48 [stem: *Onychi-*]. Type genus: *Onychius* Chapuis, 1869. Comment: see Alonso-Zarazaga and Lyal (2009: 9) for comments on placement.

**Tribe ONYCHOLIPINI Wollaston, 1873**

ONYCHOLIPIDES Wollaston, 1873: 454 [stem: *Onycholip-*]. Type genus: *Onycholips* Wollaston, 1861.

STENOSCELIDES Wollaston, 1877: 82, in key [stem: *Stenoscelid-*]. Type genus: *Stenoscelis* Wollaston, 1861.

STEREOCORYNINA Voss, 1955b: 232 [stem: *Stereocoryn-*]. Type genus: *Stereocorynes* Wollaston, 1873.

STEREOCORYNINI Roudier, 1958: 212 [stem: *Stereocoryn-*]. Type genus: *Stereocorynes* Wollaston, 1873. Comment: family-group name proposed as new without reference to STEREOCORYNINA Voss, 1955.

**Tribe PENTARTHINI Lacordaire, 1865**

PENTARTHRIDES Lacordaire, 1865: 323 [stem: *Pentarthr-*]. Type genus: *Pentarthrum* Wollaston, 1854. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 234, as PENTARTHINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 120, as PENTARTHINI).

**Tribe PROECINI Voss, 1956**

PROECINA Voss, 1956a: 139 [stem: *Proec-*]. Type genus: *Proeces* Schönherr, 1837.

PHYLLOPLATYPODINI Kato, 1998: 77 [stem: *Phylloplatypod-*]. Type genus: *Phylloplatypus* Kato, 1998.

**Tribe PSEUDAPOTREPINI Champion, 1909**

PSEUDAPOTREPIDES Champion, 1909: 21 [stem: *Pseudapotrep-*]. Type genus: *Pseudapotrepus* Champion, 1909.



**Tribe RHYNCOLINI Gistel, 1848**

RHYNCHALIDAE Gistel, 1848: [6] [stem: *Rhyncol-*]. Type genus: *Rhyncolus* Germar, 1817 [as *Rhyncholus*, incorrect subsequent spelling of type genus name, not in prevailing usage; *Rhyncolus* Germar, 1817 placed on the Official List of Generic Names in Zoology (ICZN 1991b)].

**Subtribe PHLOEOPHAGINA Voss, 1955**

PHLOEOPHAGINA Voss, 1955b: 228 [stem: *Phloeophag-*]. Type genus: *Phloeophagus* Schönherr, 1837.

**Subtribe PSEUDOMIMINA Voss, 1939**

PSEUDOMIMINI Voss, 1939: 65 [stem: *Pseudomim-*]. Type genus: *Pseudomimus* Hartmann, 1904.

**Subtribe RHYNCOLINA Gistel, 1848**

RHYNCHALIDAE Gistel, 1848: [6] [stem: *Rhyncol-*]. Type genus: *Rhyncolus* Germar, 1817 [as *Rhyncholus*, incorrect subsequent spelling of type genus name, not in prevailing usage; *Rhyncolus* Germar, 1817 placed on the Official List of Generic Names in Zoology (ICZN 1991b)]. Comment: incorrect original stem formation, not in prevailing usage.

EREMOTINI Voss, 1939: 65 [stem: *Eremot-*]. Type genus: *Eremotes* Wollaston, 1861.

COTASTEROSOMINI Konishi, 1962: 2 [stem: *Cotasterosomat-*]. Type genus: *Cotasterosoma* Konishi, 1962. Comment: incorrect original stem formation, not in prevailing usage.

HIMATININI Konishi, 1962: 7 [stem: *Himatin-*]. Type genus: *Himatinum* Cockerell, 1906 [syn. of *Himatium* Wollaston, 1873].

**Tribe TAPIROMIMINI Voss, 1972**

TAPIROMIMINI Voss, 1972: 380 [stem: *Tapiromim-*]. Type genus: *Tapiromimus* Wollaston, 1877.

**Subfamily CRYPTORHYNCHINAE Schönherr, 1825**

CRYPTORHYNCHIDES Schönherr, 1825: column 585 [stem: *Cryptorhynch-*]. Type genus: *Cryptorhynchus* Illiger, 1807 [placed on the Official List of Generic Names in Zoology (ICZN 1967b)]. Comment: CRYPTORHYNCHINAE Schönherr, 1825 placed on the Official List of Family-Group Names in Zoology (ICZN 1967b).

**Tribe AEDEMONINI Faust, 1898**

ACDEMONINI Faust, 1898: 34 [stem: *Aedemon-*]. Type genus: *Aedemonus* Schönherr, 1837 [as *Acdemonus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

MECISTOCERINI Morimoto, 1978b: 122 [stem: *Mechistocer*]. Type genus: *Mechistocerus* Fauvel, 1863 [as *Mecistocerus*, unjustified emendation of type genus name by Pascoe (1870b), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Morimoto (1987).

DERBYIELLINA Zimmerman, 1994a: 645, in key [stem: *Derbyiell*]. Type genus: *Derbyiella* Lea, 1907.

### Tribe CAMPTORHININI Lacordaire, 1865

CAMPTORHINIDES Lacordaire, 1865: 86 [stem: *Camptorhin*]. Type genus: *Camptorhinus* Schönherr, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1885: 254, as CAMPTORHINI-NAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 136, as CAMPTORHININI).

### Tribe CRYPTORHYNCHINI Schönherr, 1825

CRYPTORHYNCHIDES Schönherr, 1825: column 585 [stem: *Cryptorhynch*]. Type genus: *Cryptorhynchus* Illiger, 1807 [placed on the Official List of Generic Names in Zoology (ICZN 1967b)]. Comment: CRYPTORHYNCHINAE Schönherr, 1825 placed on the Official List of Family-Group Names in Zoology (ICZN 1967b).

### Subtribe CRYPTORHYNCHINA Schönherr, 1825

CRYPTORHYNCHIDES Schönherr, 1825: column 585 [stem: *Cryptorhynch*]. Type genus: *Cryptorhynchus* Illiger, 1807 [placed on the Official List of Generic Names in Zoology (ICZN 1967b)]. Comment: CRYPTORHYNCHINAE Schönherr, 1825 placed on the Official List of Family-Group Names in Zoology (ICZN 1967b).

CRYPTORHYNCHIDIINI Bradley, 1930: 277, in key [stem: *Cryptorhynchidi*]. Type genus: *Cryptorhynchidius* Pierce, 1919 [syn. of *Cryptorhynchus* Illiger, 1807].

### Subtribe MECISTOSTYLINA Lacordaire, 1865

MÉCISTOSTYLIDES Lacordaire, 1865: 131 [stem: *Mecistostyl*]. Type genus: *Mecistostylus* Lacordaire, 1865. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by G. A. K. Marshall (1916: 10, as MECISTOSTYLINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 129, as MECISTOSTYLINA).

CYLINDROCOSYNINAE Pascoe, 1875: 55 [stem: *Cylindrocoryn*]. Type genus: *Cylindrocorynus* Schönherr, 1837. Comment: incorrect original stem formation, not in prevailing usage.

### Subtribe TYLODINA Lacordaire, 1865

TYLODIDES Lacordaire, 1865: 90 [stem: *Tylod*]. Type genus: *Tylodes* Sahlberg, 1823. Comment: original vernacular name available (Art. 11.7.2): first

used in latinized form by Pascoe (1885: 255, as TYLODINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 129, as TYLODINA).

### **Tribe GASTEROCERCINI Zherikhin, 1991**

GASTEROCERCINI Zherikhin, 1991: 92 [stem: *Gasterocerc-*]. Type genus: *Gasterocercus* Laporte and Brullé, 1828.

### **Tribe PSEPHOLACINI Lacordaire, 1865**

PSÉPHOLACIDES Lacordaire, 1865: 72 [stem: *Psepholac-*]. Type genus: *Psepholax* Lacordaire, 1865. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hustache (1936: 56, as PSEPHOLACINA), generally accepted as in Alonso-Zarazaga and Lyal (1999: 136, as PSEPHOLACINI); First Reviser (PSEPHOLACINI Lacordaire, 1865 vs STRONGYLOPTERINI Lacordaire, 1865 vs SYMPIEZOSCELINI Lacordaire, 1865) not determined, current usage maintained.

STRONGYLOPTÉRIDES Lacordaire, 1865: 73 [stem: *Strongylopter-*]. Type genus: *Strongylopterus* Schönherr, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Hustache (1936: 60, as STRONGYLOPTERIDINA [incorrect stem formation]).

SYMPIÉZOSCÉLIDES Lacordaire, 1865: 138 [stem: *Sympiezoscel-*]. Type genus: *Sympiezoscelus* G. R. Waterhouse, 1853. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Pascoe (1874: 96, as SYMPIEZOSCELIDES [treated as Latin]).

### **Tribe SOPHRORHININI Lacordaire, 1865**

SOPHRORHINIDES Lacordaire, 1865: 81 [stem: *Sophrorhin-*]. Type genus: *Sophrorhinus* Rouzet, 1855. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by C. O. Waterhouse (1879a: 310, as SOPHORORHINAE [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 137, as SOPHORORHININI).

### **Tribe TORNEUMATINI Bedel, 1884**

TORNEUMATINI Bedel, 1884b: 136, in note [stem: *Torneumat-*]. Type genus: *Torneuma* Wollaston, 1860.

### **Subfamily CYCLOMINAE Schönherr, 1826**

CYCLOMIDES Schönherr, 1826: 185 [stem: *Cyclom-*]. Type genus: *Cyclomus* Schönherr, 1826 [syn. of *Epicthonius* Schönherr, 1826]. Comment: the classification of this subfamily follows Oberprieler (2010).

### **Tribe AMYCTERINI Waterhouse, 1854**

AMYCTERIDAE G. R. Waterhouse, 1854: 75, in note [stem: *Amycter-*]. Type genus: *Amycterus* Schönherr, 1823.

EUOMIDES Lacordaire, 1863: 315 [stem: *Euom-*]. Type genus: *Euomus* Schönherr, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by W. J. MacLeay (1866: 319, as EUOMIDAE), generally accepted as in Schenkling and G. A. K. Marshall (1931a: 27, as EUOMINI).

PSALIDURIDAE Pierce, 1914: 350 [stem: *Phalidur-*]. Type genus: *Phalidura* Fischer von Waldheim, 1823 [as *Psalidura*, incorrect subsequent spelling of type genus name, not in prevailing usage; syn. of *Amycterus* Schönherr, 1823]. Comment: incorrect original stem formation, not in prevailing usage.

\*ACANTHOLOPHINI Schenkling and G. A. K. Marshall, 1931a: Amyct. 6 [stem: *Acantholoph-*]. Type genus: *Acantholophus* Boisduval, 1835. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

### Tribe ATERPINI Lacordaire, 1863

ATERPIDES Lacordaire, 1863: 410 [stem: *Aterp-*]. Type genus: *Aterpus* Schönherr, 1826 [syn. of *Aades* Schönherr, 1823]. Comment: precedence (ATERPINI Lacordaire, 1863 vs RHADINOSOMINI Lacordaire, 1863) given to taxon originally proposed at the higher rank (Art. 24.1).

### Subtribe ATERPINA Lacordaire, 1863 *nomen protectum*

HELIOMENEIDAE Gistel, 1848: [8] [stem: *Heliomen-*]. Type genus: *Heliomene* Gistel, 1848 [syn. of *Chrysolopus* Germar, 1817]. Comment: as pointed out by Alonso-Zarazaga and Lyal (2002: 22) this is the oldest available name for the subtribe name; HELIOMENEINI Gistel, 1848 was recently considered a *nomen oblitum* by Colonnelli (2003: 7) however the necessary supporting references were not provided; we hereby consider HELIOMENEINI Gistel, 1848 as a *nomen oblitum* (see supporting references in Appendix 1); incorrect original stem formation, not in prevailing usage.

ATERPIDES Lacordaire, 1863: 410 [stem: *Aterp-*]. Type genus: *Aterpus* Schönherr, 1826 [syn. of *Aades* Schönherr, 1823]. Comment: *nomen protectum* (see Appendix 1); original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as ATERPINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 140, as ATERPINI).

\*PÉLORORHINIDES Lacordaire, 1863: 415 [stem: *Pelororhin-*]. Type genus: *Pelororhinus* Schönherr, 1834. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 228, as PELORORHININI), Morrone (1997: 101, as PELORHIRHINI [incorrect stem formation]), but not generally accepted as valid; PELORHINIDAE [incorrect stem formation] was used as valid by Ienistea (1986: 33) but it was not attributed to Lacordaire (1863); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).



LOPHOTIDES Jekel, 1865: 546 [stem: *Lophot-*]. Type genus: *Lophotus* Schönherr, 1834 [preoccupied genus name, not *Lophotus* Giorna, 1809 [Pisces]; syn. of *Aegorhinus* Erichson, 1834]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

RHINARIDES Jekel, 1865: 546 [stem: *Rhinari-*]. Type genus: *Rhinaria* Kirby, 1819. Comment: incorrect original stem formation, not in prevailing usage.

### **Subtribe RHADINOSOMINA Lacordaire, 1863**

RHADINOSOMIDES Lacordaire, 1863: 63 [stem: *Rhadinosom-*]. Type genus: *Rhadinosomus* Schönherr, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1875: 55, as RHADINOSOMINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 141, as RHADINOSOMINA).

RHADINOSOMINI Pierce, 1913: 405, in key [stem: *Rhadinosom-*]. Type genus: *Rhadinosomus* Schönherr, 1840. Comment: family-group name proposed as new without reference to RHADINOSOMIDES Lacordaire, 1863.

### **Tribe CYCLOMINI Schönherr, 1826**

CYCLOMIDES Schönherr, 1826: 185 [stem: *Cyclom-*]. Type genus: *Cyclomus* Schönherr, 1826 [syn. of *Epicthonius* Schönherr, 1826].

SOMATODIDES Lacordaire, 1863: 319 [stem: *Somatod-*]. Type genus: *Somatodes* Schönherr, 1840 [placed on the Official List of Generic Names in Zoology (ICZN 1994c)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as SOMATODINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 144, as SOMATODINI); SOMATODINAE Lacordaire, 1863 placed on the Official List of Family-Group Names in Zoology (ICZN 1994c).

### **Tribe DICHOTRACHELINI Hoffmann, 1957**

DICHOTRACHELINI Hoffmann, 1957a: 60, in note [stem: *Dichotrachel-*]. Type genus: *Dichotrachelus* Stierlin, 1853.

### **Tribe HIPPORHININI Lacordaire, 1863**

HIPPORHINIDES Lacordaire, 1863: 323 [stem: *Hipporhin-*]. Type genus: *Hipporhinus* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Pascoe (1870b: 436, as HIPPORHININAE).

GRONOPINI Bedel, 1884a: 68, in key [stem: *Gronop-*]. Type genus: *Gronops* Schönherr, 1823.

GRONOPINA Louw and Oberprieler, 1998: 24 [stem: *Gronop-*]. Type genus: *Gronops* Schönherr, 1823. Comment: family-group name proposed as new without reference to GRONOPINI Bedel, 1884.

**Tribe LISTRODERINI LeConte, 1876**

LISTRODERI J. L. LeConte, 1876: 124 [stem: *Listroder-*]. Type genus: *Listroderes* Schönherr, 1826.

PALAECHTINI C. Brinck, 1948: 43 [stem: *Palaechth-*]. Type genus: *Palaechthus* C. O. Waterhouse, 1884 [as *Palaechtus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe NOTIOMIMETINI Wollaston, 1873**

NOTIOMIMETIDES Wollaston, 1873: 440 [stem: *Notiomimet-*]. Type genus: *Notiomimetes* Wollaston, 1873.

APHELI Csiki, 1936: 109 [stem: *Aphel-*]. Type genus: *Aphela* Pascoe, 1865. Comment: description by indication (distinguishing characters given in Wollaston (1873: 440)).

**Tribe RHYTHIRRININI Lacordaire, 1863**

RHYTIRHINIDES Lacordaire, 1863: 296 [stem: *Rhythirrin-*]. Type genus: *Rhythirrinus* Schönherr, 1823 [as *Rhytirhinus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1875 [Gatt.]: 112, as RHYTIRHININI [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 141, as RHYTHIRRININI); incorrect original stem formation, not in prevailing usage; First Reviser found (RHYTHIRRININI Lacordaire, 1863 vs RHYPAROSOMINI Lacordaire, 1863 vs EUPAGINI Lacordaire, 1863) is Kuschel (1971: 251).

RHYPAROSOMIDES Lacordaire, 1863: 327 [stem: *Rhyparosom-*]. Type genus: *Rhyparosomus* Schönherr, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Stein (1868: 100, as RHYPAROSOMINI), generally accepted as in Heyne and Taschenberg (1907: 228, as RHYPAROSOMINI).

EUPAGIDES Lacordaire, 1863: 328 [stem: *Eupag-*]. Type genus: *Eupages* Schönherr, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Péringuey (1888: 168, as EUPAGIDAE), generally accepted as in Schenkling and G. A. K. Marshall (1929: 47, as EUPAGINI).

RHYTIDORHINIDES Wollaston, 1865: 307 [stem: *Rhytidorhin-*]. Type genus: *Rhytidorhinus* Wollaston, 1864 [preoccupied genus name, not *Rhytidorhinus* Agassiz, 1846 [Coleoptera: CURCULIONIDAE: CYCLOMINAE]; syn. of *Rhythirrinus* Schönherr, 1823]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

**Subfamily ENTIMINAE Schönherr, 1823**

ENTIMIDES Schönherr, 1823: column 1138 [stem: *Entim-*]. Type genus: *Entimus* Germar, 1817. Comment: First Revisers found (ENTIMINAE Schönherr, 1823 vs



LORDOPINAE Schönherr, 1823 vs POLYDRUSINAE Schönherr, 1823) are Alonso-Zarazaga and Lyal (1999: 144).

**Tribe AGRAPHINI Horn, 1876**

AGRAPHI G. H. Horn, 1876: 58 [stem: *Agraph-*]. Type genus: *Agraphus* Say, 1831.

**Tribe ALOPHINI LeConte, 1874**

ALOPHINI J. L. LeConte, 1874b: 461 [stem: *Aloph-*]. Type genus: *Alophus* Schönherr, 1826 [syn. of *Graptus* Schönherr, 1823].

**Tribe ANOMOPHTHALMINI Morrone, 1998**

ANOMOPHTHALMINA Morrone, 1998: 86 [stem: *Anomophthalm-*]. Type genus: *Anomophthalmus* Fairmaire, 1884.

**Tribe ANYPOTACTINI Champion, 1911**

ANYPOTACTINA Champion, 1911: 215 [stem: *Anypotact-*]. Type genus: *Anypotactus* Schönherr, 1840.

**Tribe BLOSyrINI Lacordaire, 1863**

BLOSyrIDES Lacordaire, 1863: 27 [stem: *Blosyr-*]. Type genus: *Blosyrus* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Péringuey (1888: 144, as BLOSyrIDAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 146, as BLOSyrINI).

**Tribe BRACHYDERINI Schönherr, 1826**

BRACHYDERIDES Schönherr, 1826: 94 [stem: *Brachyder-*]. Type genus: *Brachyderes* Schönherr, 1823 [placed on the Official List of Generic Names in Zoology (ICZN 1987a)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1987a, as BRACHYDERINAE Schönherr, 1837).

THYLACITIDAE Kirby, 1837: 202 [stem: *Thylacit-*]. Type genus: *Thylacites* Germar, 1817 [placed on the Official Index of Invalid and Rejected Generic Names in Zoology (ICZN 1987a)]. Comment: placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1987a).

STROPHOSOMIDAE Gistel, 1848: [8] [stem: *Strophosom-*]. Type genus: *Strophosomum* Gistel, 1856 [syn. of *Strophosoma* Billberg, 1820].

**Tribe CELEUTHETINI Lacordaire, 1863**

CÉLEUTHÉTIDES Lacordaire, 1863: 145 [stem: *Celeuthet-*]. Type genus: *Celeuthetes* Schönherr, 1842.

**Subtribe CELEUTHETINA Lacordaire, 1863**

CÉLEUTHÉTIDES Lacordaire, 1863: 145 [stem: *Celeuthet-*]. Type genus: *Celeuthetes* Schönherr, 1842. Comment: original vernacular name available

(Art. 11.7.2): first used in latinized form by Faust (1891: 166, as CELEUTHETINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 147, as CELEUTHETINI).

COPTORRHYNCHINA Voss, 1940: 279 [stem: *Coptorhynch-*]. Type genus: *Coptorhynchus* sensu Faust, 1897 [not *Coptorhynchus* Guérin-Méneville, 1841; syn. of *Resites* Alonso-Zarazaga and Lyal, 1999]. Comment: incorrect original stem formation, not in prevailing usage; based on a misidentified type genus.

### **Subtribe ISOPTERINA Morimoto and Kojima, 2001**

ISOPTERINA Morimoto and Kojima, 2001: 274 [stem: *Isopter-*]. Type genus: *Isopterus* Faust, 1895.

### **Tribe CNEORHININI Lacordaire, 1863**

CNÉORHINIDES Lacordaire, 1863: 31 [stem: *Cneorhin-*]. Type genus: *Cneorhinus* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1875 [Gatt.]: 111, as CNEORHININI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 148, as CNEORHININI).

PHILOPEDINI Bedel, 1883: 32, in key [stem: *Philoped-*]. Type genus: *Philopedon* Schönherr, 1826.

DERMATODINI Emden, 1936: 76, in key [stem: *Dermatod-*]. Type genus: *Dermatodes* Schönherr, 1840.

STIGMATRACHELINI Richard, 1983: 8 [stem: *Stigmatrachel-*]. Type genus: *Stigmatrachelus* Schönherr, 1840.

### **Tribe CRATOPODINI Hustache, 1919**

CRATOPINI Hustache, 1919: 473 [stem: *Cratopod-*]. Type genus: *Cratopus* Schönherr, 1823. Comment: incorrect original stem formation, not in prevailing usage.

### **Tribe CYLYDRORHININI Lacordaire, 1863**

CYLINDRORHINIDES Lacordaire, 1863: 339 [stem: *Cylydrorhin-*]. Type genus: *Cylydrorhinus* Guérin-Méneville, 1838 [as *Cylindrorhinus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as CYLINDRORHININAE [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 150, as CYLYDRORHININI); incorrect original stem formation, not in prevailing usage.

### **Tribe CYPHICERINI Lacordaire, 1863**

CYPHICÉRIDES Lacordaire, 1863: 220 [stem: *Cyphicer-*]. Type genus: *Cyphicerus* Schönherr, 1823. Comment: First Reviser (CYPHICERINI Lacordaire, 1863 vs PHYTOSCAPHINI Lacordaire, 1863) not determined, current usage maintained.

**Subtribe ACANTHOTRACHELINA Marshall, 1944**

ACANTHOTRACHELINI G. A. K. Marshall, 1944: 76, in key [stem: *Acanthotrachel-*]. Type genus: *Acanthotrachelus* Schönherr, 1842.

**Subtribe CYPHICERINA Lacordaire, 1863**

CYPHICÉRIDES Lacordaire, 1863: 220 [stem: *Cyphicer-*]. Type genus: *Cyphicerus* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Faust (1888: 284, as CYPHICERINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 151, as CYPHICERINI).

CORIGETINI Faust, 1885: 167, in key [stem: *Coriget-*]. Type genus: *Corigetus* Desbrochers des Loges, 1872.

**Subtribe MYLACORRHININA Reitter, 1913**

MYLACORRHYNCHINA Reitter, 1913b: 12, in key [stem: *Mylacorrhin-*]. Type genus: *Mylacorrhina* Reitter, 1913 [syn. of *Altonomus* Desbrochers des Loges, 1907]. Comment: incorrect original stem formation, not in prevailing usage.

**Subtribe MYLLOCERINA Pierce, 1913**

MYLLOCERINI Pierce, 1913: 421, in key [stem: *Myllocer-*]. Type genus: *Myllocerus* Schönherr, 1826.

PTOCHINI Reitter, 1913b: 8, in key [stem: *Ptoch-*]. Type genus: *Ptochus* Schönherr, 1826 [placed on the Official List of Generic Names in Zoology (ICZN 1990d)].

**Subtribe PHYTOSCAPHINA Lacordaire, 1863**

PHYTOSCAPHIDES Lacordaire, 1863: 229 [stem: *Phytoscaph-*]. Type genus: *Phytoscaphus* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1869: 382, as PHYTOSCAPI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 154, as PHYTOSCAPHINA).

\*OXYOPHTHALMINA Voss, 1933a: 30 [stem: *Oxyophthalm-*]. Type genus: *Oxyophthalmus* Hochhuth, 1847. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**Tribe ECTEMNORHININI Lacordaire, 1863**

ECTEMNORHINIDES Lacordaire, 1863: 562 [stem: *Ectemnorhin-*]. Type genus: *Ectemnorhinus* G. R. Waterhouse, 1853. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as ECTEMNORHINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 155, as ECTEMNORHININI).

CANONOPSINI Dreux and Voisin, 1989: 112 [stem: *Canonopse*-]. Type genus: *Canonopsis* C. O. Waterhouse, 1875. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe ELYTRURINI Marshall, 1956**

ELYTRURINI G. A. K. Marshall, 1956: 5 [stem: *Elytrur*-]. Type genus: *Elytrurus* Boisduval, 1835.

**Tribe EMBRITHINI Marshall, 1942**

EMBRITHINI G. A. K. Marshall, 1942: 3 [stem: *Embrith*-]. Type genus: *Embrithes* Schönherr, 1842.

**Tribe ENTIMINI Schönherr, 1823**

ENTIMIDES Schönherr, 1823: column 1138 [stem: *Entim*-]. Type genus: *Entimus* Germar, 1817.

**Tribe EPISOMINI Lacordaire, 1863**

EPISOMIDES Lacordaire, 1863: 175 [stem: *Episom*-]. Type genus: *Episomus* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Faust (1894: 185, as EPISOMINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 156, as EPISOMINI).

EPISOMINI Pierce, 1913: 421, in key [stem: *Episom*-]. Type genus: *Episomus* Schönherr, 1823. Comment: family-group name proposed as new without reference to EPISOMIDES Lacordaire, 1863.

**Tribe EUDIAGOGINI LeConte, 1874**

PROMÉCOPIDES Lacordaire, 1863: 384 [stem: *Promecop*-]. Type genus: *Promecops* Schönherr, 1823 [preoccupied genus name, not *Promecops* Sahlberg, 1823 [Coleoptera: CURCULIONIDAE: ENTIMINAE: EUDIAGOGINI]; syn. of *Promecops* Sahlberg, 1823]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Pascoe (1870b: 436, as PROMECOPINAE); permanently invalid (Art. 39): based on preoccupied type genus.

EUDIAGOGINI J. L. LeConte, 1874b: 454 [stem: *Eudiagog*-]. Type genus: *Eudiagogus* Schönherr, 1840. Comment: First Reviser (EUDIAGOGINI J. L. LeConte, 1874 vs BATHYRINI J. L. LeConte, 1874) not determined, current usage maintained.

BATHYRINI J. L. LeConte, 1874b: 461 [stem: *Bathyrin*-]. Type genus: *Bathyrus* J. L. LeConte, 1874 [syn. of *Colecerus* Schönherr, 1840]. Comment: incorrect original stem formation, not in prevailing usage.

COLEOCERINI Jekel, 1875: 144 [stem: *Colecer*-]. Type genus: *Colecerus* Schönherr, 1840 [as *Coleocerus*, incorrect subsequent spelling of type genus name, not in

prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

### Tribe EUPHOLINI Günther, 1943

\*EUPHOLINI Schenkling and G. A. K. Marshall, 1931b: Lept. 62 [stem: *Euphol*-. Type genus: *Eupholus* Guérin-Méneville, 1838 [preoccupied genus name, not *Eupholus* Boisduval, 1835 [Coleoptera: CURCULIONIDAE: ENTIMINAE]; syn. of *Eupholus* Boisduval, 1835]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

EUPHOLINI Günther, 1943: 19 [stem: *Euphol*-. Type genus: *Eupholus* Guérin-Méneville, 1838 [preoccupied genus name, not *Eupholus* Boisduval, 1835 [Coleoptera: CURCULIONIDAE: ENTIMINAE]; syn. of *Eupholus* Boisduval, 1835]. Comment: although this name should be treated as permanently invalid because it is based on a preoccupied type genus (Art. 39), an application will be submitted to the Commission by MAAZ and CHCL to conserve EUPHOLINI Günther, 1943 and designate *Eupholus* Boisduval, 1835 as its type genus.

EUPHOLINI Alonso-Zarazaga and Lyal, 1999: 157 [stem: *Euphol*-. Type genus: *Eupholus* Boisduval, 1835. Comment: proposed as a new taxon; junior homonym of EUPHOLINI Günther, 1943.

### Tribe EUSTYLINI Lacordaire, 1863

EUSTYLIDES Lacordaire, 1863: 205 [stem: *Eustyl*-. Type genus: *Eustylus* Schönherr, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Faust (1886b: 338, as EUSTYLINORUM), generally accepted as in Alonso-Zarazaga and Lyal (1999: 157, as EUSTYLINI).

EXOPHTHALMINI G. H. Horn, 1876: 100 [stem: *Exophthalm*-. Type genus: *Exophthalmus* Schönherr, 1823.

EUSTYLINI Pierce, 1913: 421, in key [stem: *Eustyl*-. Type genus: *Eustylus* Schönherr, 1842. Comment: family-group name proposed as new without reference to EUSTYLIDES Lacordaire, 1863.

COMPSI Pierce, 1913: 406, in key [stem: *Comps*-. Type genus: *Compsus* Schönherr, 1823. Comment: the younger name COMPSINA Martins and Galileo, 2007 (type genus *Compsa* Perty, 1832) in CERAMBYCIDAE is available; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

EXOPHTHALMODINA Voss, 1954: 199, in key [stem: *Exophthalmod*-. Type genus: *Exophthalmodes* Pierce, 1916 [syn. of *Exophthalmus* Schönherr, 1823].

### Tribe GEONEMINI Gistel, 1848

GEONEMIDAE Gistel, 1848: [8] [stem: *Geonem*-. Type genus: *Geonemus* Schönherr, 1833 [placed on the Official List of Generic Names in Zoology (ICZN 1988d)].

- BARYNOTIDES Lacordaire, 1863: 37 [stem: *Barynot-*]. Type genus: *Barynotus* Germar, 1817. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by G. H. Horn (1876: 22, as BARYNOTI), generally accepted as in Dalla Torre et al. (1936: 32, as BARYNOTINI).
- TRIGONOSCUTAE J. L. LeConte, 1874b: 456 [stem: *Trigonoscut-*]. Type genus: *Trigonoscuta* Motschulsky, 1853.
- EPICAERI G. H. Horn, 1876: 18 [stem: *Epicaer-*]. Type genus: *Epicaerus* Schönherr, 1834.
- CALYPTILLI G. H. Horn, 1876: 26 [stem: *Calyptill-*]. Type genus: *Calyptillus* G. H. Horn, 1876.
- OMILEI G. H. Horn, 1876: 101 [stem: *Omile-*]. Type genus: *Omileus* G. H. Horn, 1876.
- TRIGONOSCUTINI Pierce, 1913: 405, in key [stem: *Trigonoscut-*]. Type genus: *Trigonoscuta* Motschulsky, 1853. Comment: family-group name proposed as new without reference to TRIGONOSCUTAE J. L. LeConte, 1874.
- MENOETIINI Pierce, 1913: 373, in key [stem: *Menoeti-*]. Type genus: *Menoetius* Dejean, 1821 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1987f)]. Comment: permanently invalid (Art. 39): based on suppressed type genus.
- CALYPTILLINI Pierce, 1913: 405, in key [stem: *Calyptill-*]. Type genus: *Calyptillus* G. H. Horn, 1876. Comment: family-group name proposed as new without reference to CALYPTILLI G. H. Horn, 1876.

### Tribe HOLCORHININI Desbrochers des Loges, 1898

- HOLCORHINIDAE Desbrochers des Loges, 1898: 5 [stem: *Holcorhin-*]. Type genus: *Holcorhinus* Schönherr, 1826.
- CYCLOPTERINI Reitter, 1913b: 9, in key [stem: *Cyclopter-*]. Type genus: *Cyclopterus* Marseul, 1871 [preoccupied genus name, not *Cyclopterus* Linnaeus, 1758 [Pisces]; syn. of *Nucterocephalus* Desbrochers des Loges, 1897]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; CYCLOPTERIDAE Bonaparte, 1831 (type genus *Cyclopterus* Linnaeus, 1758) is available in Pisces.

### Tribe HORMORINI Horn, 1876

- HORMORI G. H. Horn, 1876: 23 [stem: *Hormor-*]. Type genus: *Hormorus* G. H. Horn, 1876.

### Tribe LAPAROCERINI Lacordaire, 1863

- LAPAROCÉRIDES Lacordaire, 1863: 196 [stem: *Laparocer-*]. Type genus: *Laparocerus* Schönherr, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 226, as LAPAROCERINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 160, as LAPAROCERINI).



LAPAROCERINI Pierce, 1913: 421, in key [stem: *Laparocer-*]. Type genus: *Laparocerus* Schönherr, 1834. Comment: family-group name proposed as new without reference to LAPAROCÉRIDES Lacordaire, 1863.

### **Tribe LEPTOSTETHINI Lacordaire, 1863**

LEPTOSTÉTHIDES Lacordaire, 1863: 258 [stem: *Leptosteth-*]. Type genus: *Leptostethus* G. R. Waterhouse, 1853. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 226, as LEPTOSTETHINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 161, as LEPTOSTETHINI).

### **Tribe LORDOPINI Schönherr, 1823**

LORDOPIDES Schönherr, 1823: column 1142 [stem: *Lordop-*]. Type genus: *Lordops* Schönherr, 1823.

HYPSONOTIDAE Jekel, 1853: I.II.3 [stem: *Hypsonot-*]. Type genus: *Hypsonotus* Germar, 1824.

ALOCORHINI Jekel, 1856: 9bis, in key [stem: *Alocorhin-*]. Type genus: *Alocorhinus* Sahlberg, 1823.

ELYTROXYSI Jekel, 1856: 9bis, in key [stem: *Elytroxe-*]. Type genus: *Elytroxys* Jekel, 1856. Comment: incorrect original stem formation, not in prevailing usage.

EURYLOBI Jekel, 1856: 9bis, in key [stem: *Eurylob-*]. Type genus: *Eurylobus* Schönherr, 1826.

MERODONTI Jekel, 1856: 9bis, in key [stem: *Merodont-*]. Type genus: *Merodontus* Jekel, 1856.

TOMORHINI Jekel, 1856: 9bis, in key [stem: *Tomorhin-*]. Type genus: *Tomorhinus* Jekel, 1856.

### **Tribe MESOSTYLINI Reitter, 1913**

MESOSTYLINI Reitter, 1913b: 8, in key [stem: *Mesostyl-*]. Type genus: *Mesostylus* Faust, 1894.

### **Tribe MYORHININI Marseul, 1863**

MYORHINIDAE Marseul, 1863: 223 [stem: *Myorhin-*]. Type genus: *Myorhinus* Schönherr, 1826 [syn. of *Apsis* Germar, 1820]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kiesenwetter (1864: 265, as MYORHINIDAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 162, as MYORHININI).

### **Tribe NASTINI Reitter, 1913**

NASTINI Reitter, 1913b: 9, in key [stem: *Nast-*]. Type genus: *Nastus* Schönherr, 1842.

**Tribe NAUPACTINI Gistel, 1848 *nomen protectum***

- IPHIIDES Schönherr, 1823: column 1139 [stem: *Iphi-*]. Type genus: *Iphius* Schönherr, 1823 [syn. of *Alceis* Billberg, 1820]. Comment: *nomen oblitum* (see Appendix 1).
- NAUPACTIDAE Gistel, 1848: [8] [stem: *Naupact-*]. Type genus: *Naupactus* Dejean, 1821. Comment: *nomen protectum* (see Appendix 1).
- CYPHIDES Lacordaire, 1863: 107 [stem: *Cyph-*]. Type genus: *Cyphus* Germar, 1824 [syn. of *Cyrtomon* Schönherr, 1823]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1874b: 458, as CYPHI), generally accepted as in J. L. LeConte and G. H. Horn (1883: 453, as CYPHI).
- MACROSTYLES J. L. LeConte, 1874b: 457 [stem: *Macrostyl-*]. Type genus: *Macrostylus* Boheman, 1840.
- SYMMATHETES J. L. LeConte, 1874b: 458 [stem: *Symmathet-*]. Type genus: *Symmathetes* Schönherr, 1847 [syn. of *Pantomorus* Schönherr, 1840].
- ARTIPI G. H. Horn, 1876: 91 [stem: *Artipod-*]. Type genus: *Artipus* Schönherr, 1823 [preoccupied genus name, not *Artipus* Sahlberg, 1823 [Coleoptera: CURCULIONIDAE: ENTIMINAE: NAUPACTINI]; syn. of *Artipus* Sahlberg, 1823]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- PLATYOMINA Champion, 1911: 282 [stem: *Platyom-*]. Type genus: *Platyomus* Schönherr, 1823 [preoccupied genus name, not *Platyomus* Sahlberg, 1823 [Coleoptera: CURCULIONIDAE: ENTIMINAE: NAUPACTINI]; syn. of *Platyomus* Sahlberg, 1823]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- ALCEIDINI Pierce, 1913: 404, in key [stem: *Alceent-*]. Type genus: *Alceis* Billberg, 1820. Comment: incorrect original stem formation, not in prevailing usage.
- GLAPHYROMETOPI Pierce, 1913: 406, in key [stem: *Glaphyrometop-*]. Type genus: *Glaphyrometopus* Pierce, 1913.
- PSEUDOCYPHI Pierce, 1913: 406, in key [stem: *Pseudocyph-*]. Type genus: *Pseudocyphus* Schaeffer, 1905 [syn. of *Platyomus* Sahlberg, 1823].
- NEOCYPHINI Hustache, 1919: 476 [stem: *Neocyph-*]. Type genus: *Neocyphus* Bedel, 1883 [syn. of *Cyrtomon* Schönherr, 1823].
- PLATYOMINA Voss, 1954: 199, in key [stem: *Platyom-*]. Type genus: *Platyomus* Sahlberg, 1823. Comment: family-group name proposed as new without reference to PLATYOMINA Champion, 1911.
- CANEPHOROTOMINA Voss, 1954: 206, in key [stem: *Canephorotom-*]. Type genus: *Canephorotomus* Voss, 1954 [syn. of *Amitrus* Schönherr, 1840].
- PANTOMORINA Voss, 1954: 207, in key [stem: *Pantomor-*]. Type genus: *Pantomorus* Schönherr, 1840.
- PLECTROPHORINA Voss, 1954: 207, in key [stem: *Plectrophor-*]. Type genus: *Plectrophorus* Schönherr, 1826 [preoccupied genus name, not *Plectrophorus* Férussac, 1819 [Mollusca]; syn. of *Plectrophoroides* Wibmer and O'Brien, 1986]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

**Tribe NOTHOGNATHINI Marshall, 1916**

NOTHOGNATHIDES G. A. K. Marshall, 1916: 204, in key [stem: *Nothognath-*].  
Type genus: *Nothognathus* G. A. K. Marshall, 1916.

**Tribe OMIINI Shuckard, 1839**

OMIADAE Shuckard, 1839b: 60 [stem: *Omi-*]. Type genus: *Omi*s Germar, 1817.  
Comment: senior homonym of OMIINI Beck, 1996 in Lepidoptera (type genus *Omi*a Hübner, 1821); this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

MYLACINI Reitter, 1913b: 9, in key [stem: *Mylac-*]. Type genus: *Mylacus* Boheman, 1843 [syn. of *Omi*as Germar, 1817].

**Tribe OOSOMINI Lacordaire, 1863**

\*OOSOMIDES Schönherr, 1823: column 1145 [stem: *Oosom-*]. Type genus: *Oosomus* Schönherr, 1826. Comment: family-group name unavailable (Art. 11.7.1.1): not based on an available genus name at the time.

OOSOMIDES Lacordaire, 1863: 164 [stem: *Oosom-*]. Type genus: *Oosomus* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1891: 26, as OOSOMINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 166, as OOSOMINI).

OOSOMINI Pierce, 1913: 421, in key [stem: *Oosom-*]. Type genus: *Oosomus* Schönherr, 1826. Comment: family-group name proposed as new without reference to OOSOMIDES Lacordaire, 1863.

**Tribe OPHRYASTINI Lacordaire, 1863**

OPHRYASTIDES Lacordaire, 1863: 256 [stem: *Ophryast-*]. Type genus: *Ophryastes* Germar, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1874b: 454, as OPHRYASTINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 167, as OPHRYASTINI).

**Tribe OPHTALMORRHYNCHINI Hoffmann, 1965**

OPHTALMORRHYNCHINI Hoffmann, 1965: 1411 [stem: *Ophthalmorrhynch-*]. Type genus: *Ophthalmorrhynchus* Hoffmann, 1965. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe OTIORHYNCHINI Schönherr, 1826**

LOBORHYNCHIDES Schönherr, 1823: column 1144 [stem: *Loborhynch-*]. Type genus: *Loborhynchus* Schönherr, 1823 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1972); see Lyal and Alonso-Zarazaga (2010) and Appendix 6; syn. of *Oti*orhynchus Germar, 1822]. Comment: LOBORHYNCHINAE Schönherr, 1823 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1972).

OTIORHYNCHIDES Schönherr, 1826: 203 [stem: *Otiorhynch-*]. Type genus: *Otiorhynchus* Germar, 1822 [placed on the Official List of Generic Names in Zoology (ICZN 1972, as *Otiorhynchus* Germar, 1824); see Lyal and Alonso-Zarazaga (2010) and Appendix 6]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1972, as OTIORHYNCHINAE Schönherr, 1826).

BRACHYRRHINIDAE Bedel, 1883: 30 [stem: *Brachyrhin-*]. Type genus: *Brachyrhinus* Latreille, 1802 [as *Brachyrrhinus*, incorrect original spelling of type genus name, not in prevailing usage; *Brachyrhinus* Latreille, 1802 placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1972); syn. of *Cryphiphorus* Stierlin, 1883]. Comment: name placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1972).

### Tribe OTTISTIRINI Heller, 1925

OTTISTIRINI Heller, 1925a: 56, in key [stem: *Ottistir-*]. Type genus: *Ottistira* Pascoe, 1872.

### Tribe PACHYRHYNCHINI Schönherr, 1826

SOMATODIDES Schönherr, 1823: column 1139 [stem: *Somatod-*]. Type genus: *Somatodes* Schönherr, 1823 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1994c); syn. of *Pachyrhynchus* Germar, 1824]. Comment: name placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology as SOMATODINI Schönherr, 1823 (ICZN 1994c).

PACHYRHYNCHIDES Schönherr, 1826: 88 [stem: *Pachyrhynch-*]. Type genus: *Pachyrhynchus* Germar, 1824 [placed on the Official List of Generic Names in Zoology (ICZN 1970b)]. Comment: name placed on the Official List of Family-Group Names in Zoology as PACHYRHYNCHINI Schönherr, 1826 (ICZN 1970b).

### Tribe PERITELINI Lacordaire, 1863

PÉRITÉLIDES Lacordaire, 1863: 178 [stem: *Peritel-*]. Type genus: *Peritelus* Germar, 1824. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1874b: 455, as PERITELI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 171, as PERITELINI).

SIMOINI Pierce, 1913: 421, in key [stem: *Simon-*]. Type genus: *Simo* Dejean, 1821. Comment: incorrect original stem formation, not in prevailing usage.

PARAPTOCHI Pierce, 1913: 423, in key [stem: *Paraptoch-*]. Type genus: *Paraptochus* Seidlitz, 1868.

HOMORYTHMINI Hoffmann, 1950: 154 [stem: *Homorhythm-*]. Type genus: *Homorhythmus* Bedel, 1883 [as *Homorythmus*, incorrect subsequent spelling of type genus name, not in prevailing usage; syn. of *Simo* Dejean, 1821]. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe PHYLLOBIINI Schönherr, 1826**

PHYLLOBIDES Schönherr, 1826: 178 [stem: *Phyllobi-*]. Type genus: *Phyllobius* Germar, 1824 [placed on the Official List of Generic Names in Zoology (ICZN 1981c)]. Comment: PHYLLOBIINI Schönherr, 1826 placed on the Official List of Family-Group Names in Zoology (ICZN 1981c); incorrect original stem formation, not in prevailing usage.

EVOTINI J. L. LeConte, 1874b: 454 [stem: *Evot-*]. Type genus: *Evotus* J. L. LeConte, 1874.

APHRASTI J. L. LeConte, 1874b: 458 [stem: *Aphrast-*]. Type genus: *Aphrastus* Say, 1831.

METACINOPINAE Reitter, 1913b: 6, in key [stem: *Metacinop-*]. Type genus: *Metacinops* Kraatz, 1862.

**Tribe POLYCATINI Marshall, 1956**

POLYCATINI G. A. K. Marshall, 1956: 4 [stem: *Polycat-*]. Type genus: *Polycatus* Heller, 1913.

**Tribe POLYDRUSINI Schönherr, 1823**

POLYDROSIDES Schönherr, 1823: column 1144 [stem: *Polydrus-*]. Type genus: *Polydrusus* Germar, 1817 [as *Polydrosus*, unjustified emendation of type genus name by Schönherr (1823), not in prevailing usage; syn. of *Polydrusus* Germar, 1817; *Polydrusus* Germar, 1817 placed on the Official List of Generic Names in Zoology (ICZN 1981c)]. Comment: placed on the Official List of Family-Group Names in Zoology (ICZN 1981c, as POLYDROSINI Schönherr, 1823), however, since this family-group name was based on an unjustified emendation of the type genus name, it was corrected (see Art. 32.5.3.2) to POLYDRUSINI by Alonso-Zarazaga and Lyal (1999: 174).

PHYLLOMANISIDAE Gistel, 1848: [8] [stem: *Phylloman-*]. Type genus: *Phyllomanes* Gistel, 1848 [preoccupied genus name, not *Phyllomanes* Cabanis, 1847 [Aves]; syn. of *Polydrusus* Germar, 1817]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

LIOPHLOEIDAE Gistel, 1848: [8] [stem: *Liophloe-*]. Type genus: *Liophloeus* Germar, 1817.

OLIGOCYIDAE Gistel, 1856a: 373 [stem: *Oligoce-*]. Type genus: *Oligocys* Gistel, 1856 [syn. of *Liophloeus* Germar, 1817]. Comment: incorrect original stem formation, not in prevailing usage.

SCYTHROPIDES Lacordaire, 1863: 380 [stem: *Scythrop-*]. Type genus: *Scythropus* Schönherr, 1826 [syn. of *Pachyrhinus* Schönherr, 1823]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Marseul (1863: 224, as SCYTROPIDAE [incorrect stem formation]), generally accepted as in Hustache (1919: 509, as SCYTHROPINI).

AUCHMERESTHINAE Reitter, 1913b: 6, in key [stem: *Auchmeresthet*-]. Type genus: *Auchmeresthes* Kraatz, 1862. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe PREMNOTRYPINI Kuschel, 1956**

PREMNOTRYPINI Kuschel, 1956: 187 [stem: *Premnotryp*-]. Type genus: *Premnotrypes* Pierce, 1914.

**†Tribe PRISTORHYNCHINI Heer, 1847**

PRISTORHYNCHIDEN Heer, 1847: 190 [stem: *Pristorhynch*-]. Type genus: *Pristorhynchus* Heer, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Scudder (1893: 29, as PRISTORHYNCHINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 176, as PRISTORHYNCHINI).

**Tribe PRYPNINI Lacordaire, 1863**

PRYPNIDES Lacordaire, 1863: 135 [stem: *Prypn*-]. Type genus: *Prypnus* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 225, as PRYPNINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 176, as PRYPNINI).

**Tribe PSALLIDIINI Lacordaire, 1863**

PSALIDIIDES Lacordaire, 1863: 138 [stem: *Psallidi*-]. Type genus: *Psallidium* Herbst, 1795 [as *Psalidium*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Everts (1903: 547, as PSALIDIINI [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 176, as PSALLIDIINI); incorrect original stem formation, not in prevailing usage.

**Tribe RHYNCOGONINI Sharp, 1919**

RHYNCOGONIDES Sharp, 1919a: 77 [stem: *Rhyncogon*-]. Type genus: *Rhyncogonus* Sharp, 1885.

**Tribe SCIAPHILINI Sharp, 1891**

SCIAPHILINA Sharp, 1891: 167 [stem: *Sciaphil*-]. Type genus: *Sciaphilus* Schönherr, 1823.

SCIAPHILINI Pierce, 1913: 405, in key [stem: *Sciaphil*-]. Type genus: *Sciaphilus* Schönherr, 1823. Comment: family-group name proposed as new without reference to SCIAPHILINA Sharp, 1891.

**Tribe SITONINI Gistel, 1848**

SITONISIDAE Gistel, 1848: [8] [stem: *Siton*-]. Type genus: *Sitones* Schönherr, 1840 [syn. of *Sitona* Germar, 1817]. Comment: incorrect original stem formation, not in prevailing usage.



**Tribe TANYMECINI Lacordaire, 1863**

TANYMÉCIDES Lacordaire, 1863: 82 [stem: *Tanymec-*]. Type genus: *Tanymecus* Germar, 1817.

**Subtribe PIAZOMIINA Reitter, 1913**

PIAZOMIINI Reitter, 1913b: 28, in key [stem: *Piazomi-*]. Type genus: *Piazomias* Schönherr, 1840.

**Subtribe TAINOPHTHALMINA Desbrochers des Loges, 1873**

TAINOPHTHALMIDAE Desbrochers des Loges, 1873: 426 [stem: *Tainophthalm-*].

Type genus: *Tainophthalmus* Desbrochers des Loges, 1873.

AMOMPHI J. L. LeConte, 1874b: 455 [stem: *Amomph-*]. Type genus: *Amomphus* Schönherr, 1848 [syn. of *Aspidiotes* Schönherr, 1847].

**Subtribe TANYMECINA Lacordaire, 1863**

TANYMÉCIDES Lacordaire, 1863: 82 [stem: *Tanymec-*]. Type genus: *Tanymecus* Germar, 1817. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1874b: 454, as TANYMECINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 178, as TANYMECINI).

HADROMERIDES Jekel, 1865: 545 [stem: *Hadromer-*]. Type genus: *Hadromerus* Schönherr, 1834 [preoccupied genus name, not *Hadromerus* Schönherr, 1823 [Coleoptera: CURCULIONIDAE: ENTIMINAE]; syn. of *Hadromeropsis* Pierce, 1913]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

SIDERODACTYLIDES Jekel, 1865: 551, in note [stem: *Siderodactyl-*]. Type genus: *Siderodactylus* Schönherr, 1834 [syn. of *Hadromerus* Schönherr, 1823].

PACHNAEI J. L. LeConte, 1874b: 457 [stem: *Pachnae-*]. Type genus: *Pachnaeus* Schönherr, 1826.

MINYOMERI G. H. Horn, 1876: 17 [stem: *Minyomer-*]. Type genus: *Minyomerus* G. H. Horn, 1876.

PANDELETEINI Pierce, 1913: 399, in key [stem: *Pandetelei-*]. Type genus: *Pandeteius* Schönherr, 1834. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe TANYRHYNCHINI Schönherr, 1826**

TANYRHYNCHIDES Schönherr, 1826: 212 [stem: *Tanyrhynch-*]. Type genus: *Tanyrhynchus* Schönherr, 1826.

ÉREMNIDES Lacordaire, 1863: 220 [stem: *Eremn-*]. Type genus: *Eremnus* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1869: 380, as EREMNIINI), generally accepted as in Schenkling and G. A. K. Marshall (1931b: Erem. 13, as EREMNIINI).

**Tribe THECESTERNINI Lacordaire, 1863**

THECESTERNIDES Lacordaire, 1863: 306 [stem: *Thecester-*]. Type genus: *Thecester-nus* Say, 1831. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Sharp (1891: 86, as THECESTERNINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 182, as THECESTERNINI).

**Tribe TRACHYPHLOEINI Gistel, 1848**

TRACHYPHLOEIDAE Gistel, 1848: [7] [stem: *Trachyphloe-*]. Type genus: *Trachyphloeus* Germar, 1817.

**Subtribe TRACHYPHILINA Voss, 1948**

TRACHYPHILINA Voss, 1948: 73, in key [stem: *Trachyphil-*]. Type genus: *Trachyphilus* Faust, 1887.

**Subtribe TRACHYPHLOEINA Gistel, 1848**

TRACHYPHLOEIDAE Gistel, 1848: [7] [stem: *Trachyphloe-*]. Type genus: *Trachyphloeus* Germar, 1817.

PHYLLASTOLIDAE Gistel, 1856a: 372 [stem: *Phyllastol-*]. Type genus: *Phyllastolus* Gistel, 1856 [syn. of *Trachyphloeus* Germar, 1817].

CATHORMIOCERINI Reitter, 1913b: 8, in key [stem: *Cathormiocer-*]. Type genus: *Cathormiocerus* Schönherr, 1842.

TRACHYPHLOEINI Pierce, 1913: 421, in key [stem: *Trachyphloe-*]. Type genus: *Trachyphloeus* Germar, 1817. Comment: family-group name proposed as new without reference to TRACHYPHLOEIDAE Gistel, 1848.

PSEUDOCNEORRHININI Kôno, 1930: 163, in key [stem: *Pseudocneorhin-*]. Type genus: *Pseudocneorhinus* Roelofs, 1873 [as *Pseudocneorrhinus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

CALLIRHOPALINI Voss, 1956b: 23 [stem: *Callirhopal-*]. Type genus: *Callirhopalus* Hochhuth, 1851.

**Tribe TROPIPHORINI Marseul, 1863**

TROPIPHORIDAE Marseul, 1863: 220 [stem: *Tropiphor-*]. Type genus: *Tropiphorus* Schönherr, 1842 [placed on the Official List of Generic Names in Zoology (ICZN 1988c)]. Comment: TROPIPHORINI, published on 15 June 1863, is given priority over STRANGALIODINI, BYRSOPAGINI, PANTOPOEINI and SYNAPTONYCHINI which were published by Lacordaire “before 10 August 1863”.

LEPTOPSIDES Lacordaire, 1863: 232 [stem: *Leptop-*]. Type genus: *Leptops* Schönherr, 1834 [preoccupied genus name, not *Leptops* Rafinesque, 1820 [Pisces]; syn. of *Leptopius* Oke, 1951]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870a: 181, as LEPTOPINAE), generally accepted as in Heyne and Taschenberg (1907: 226, as LEPTOPSINI [incorrect stem formation]); permanently invalid (Art. 39):

- based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.
- STRANGALIODIDES Lacordaire, 1863: 234 [stem: *Strangalioid-*]. Type genus: *Strangaliodes* Schönherr, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by G. H. Horn (1876: 37, as STRANGALIOIDES [treated as Latin]), generally accepted as in Voss (1954: 237, as STRANGALIODINI).
- BYRSOPAGIDES Lacordaire, 1863: 337 [stem: *Byrsopag-*]. Type genus: *Byrsopages* Schönherr, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 228, as BYRSOPAGINI), generally accepted as in Schenkling and G. A. K. Marshall (1929: 57, as BYRSOPAGINI).
- PANTOPÉIDES Lacordaire, 1863: 346 [stem: *Pantopoe-*]. Type genus: *Pantopoeus* Schönherr, 1842 [syn. of *Perperus* Schönherr, 1842]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Faust (1892a: 179, as PANTOPEINARUM [incorrect stem formation]); incorrect original stem formation, not in prevailing usage.
- SYNAPTONYCIDES Lacordaire, 1863: 372 [stem: *Synaptonych-*]. Type genus: *Synaptonyx* G. R. Waterhouse, 1853. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Wollaston (1877: 158, as SYNAPTONYCHIDES [treated as Latin]); incorrect original stem formation, not in prevailing usage.
- RHIGOPSINI J. L. LeConte, 1874b: 454 [stem: *Rhigopse-*]. Type genus: *Rhigopsis* J. L. LeConte, 1874. Comment: incorrect original stem formation, not in prevailing usage, the comment stating the contrary in Alonso-Zarazaga and Lyal (2002: 28) is incorrect.
- DYSLOBINI J. L. LeConte, 1874b: 454 [stem: *Dyslob-*]. Type genus: *Dyslobus* J. L. LeConte, 1869.
- PHYXELES G. H. Horn, 1876: 56 [stem: *Phyxelid-*]. Type genus: *Phyxelis* Schönherr, 1842. Comment: incorrect original stem formation, not in prevailing usage.
- DIROTOGNATHINI G. H. Horn, 1876: 79 [stem: *Dirotoognath-*]. Type genus: *Dirotoognathus* G. H. Horn, 1876.
- SYNIRMINI Bedel, 1883: 32, in key [stem: *Synirm-*]. Type genus: *Synirmus* Bedel, 1883 [syn. of *Tropiphorus* Schönherr, 1842].
- STENOCORYNINI McKeown, 1939: 408 [stem: *Stenocoryn-*]. Type genus: *Stenocorynus* Schönherr, 1842. Comment: replacement name for LEPTOPSIDES Lacordaire, 1863 because of the homonymy of the type genus.
- LEPTOPIINAE Oke, 1951: 24 [stem: *Leptopi-*]. Type genus: *Leptopius* Oke, 1951. Comment: replacement name for LEPTOPSIDES Lacordaire, 1863 because of the homonymy of the type genus.
- LEPTOSINAE G. A. K. Marshall, 1952: 264 [stem: *Leptos-*]. Type genus: *Leptosus* G. A. K. Marshall, 1952 [syn. of *Leptopius* Oke, 1951]. Comment: replacement name for LEPTOPSIDES Lacordaire, 1863 because of the homonymy of the type genus.

**Tribe TYPHLORHININI Kuschel, 1954**

TYPHLORHININI Kuschel, 1954: 287 [stem: *Typhlorhin-*]. Type genus: *Typhlorhinus* Kuschel, 1954 [syn. of *Hapactorrhynchus* Richard, 1953].

**Subfamily HYPERINAE Marseul, 1863 (1848)**

HYPERIDAE Marseul, 1863: 224 [stem: *Hyper-*]. Type genus: *Hypera* Germar, 1817.

Comment: use of family-group name conserved over PHYTONOMINAE Gistel, 1848 (Art. 40.2).

**Tribe CEPURINI Capiomont, 1867**

\*HAPLOPIDES Lacordaire, 1863: 394 [stem: *Haplopod-*]. Type genus: *Haplopus* Schönherr, 1840 [preoccupied genus name, not *Haplopus* Burmeister, 1838 [Orthoptera]; syn. of *Haplopodus* G. A. K. Marshall, 1946]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 228, as HAPLOPINI) but not generally accepted as valid; HAPLOPIDAE was used as valid by Ienistea (1986: 33) but it was not attributed to Lacordaire (1863); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); if found to be available then permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

CÉPURIDES Capiomont, 1867: 438 [stem: *Cepur-*]. Type genus: *Cepurus* Schönherr, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Csiki (1934: 3, as CEPURINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 189, as CEPURINI).

**Tribe HYPERINI Marseul, 1863 (1848)**

PHYTONOMIDAE Gistel, 1848: [8] [stem: *Phytonom-*]. Type genus: *Phytonomus* Schönherr, 1823 [syn. of *Hypera* Germar, 1817]. Comment: use of the younger names HYPERINAE/-INI Marseul, 1863 are conserved over this name (Art. 40.2).

HYPERIDAE Marseul, 1863: 224 [stem: *Hyper-*]. Type genus: *Hypera* Germar, 1817. Comment: published 15 June 1863; use of family-group name conserved over PHYTONOMINI Gistel, 1848 (Art. 40.2); this family-group name was also used in the same year by Lacordaire (1863 [before 10 August]: 395, as HYPÉRIDES).

CONIATINA Legalov, 2007: 401 [stem: *Coniat-*]. Type genus: *Coniatus* Germar, 1817.

MACROTARRHUSINA Legalov, 2007: 401 [stem: *Macrotarrh-*]. Type genus: *Macrotarrhus* Bedel, 1906. Comment: incorrect original stem formation, not in prevailing usage.

**Subfamily LIXINAE Schönherr, 1823**

LIXIDES Schönherr, 1823: column 1146 [stem: *Lix-*]. Type genus: *Lixus* Fabricius, 1801.

**Tribe CLEONINI Schönherr, 1826 *nomen protectum***

GEOMORIDES Schönherr, 1823: column 1141 [stem: *Geomor-*]. Type genus: *Geomorus* Schönherr, 1823 [syn. of *Cleonis* Dejean, 1821]. Comment: as pointed out by Alonso-Zarazaga and Lyal (1999: 190) this is the oldest available name for the tribe name, however, it has not been used as valid after 1899 and therefore we treat it here as a *nomen oblitum* (see Appendix 1).

CLEONIDES Schönherr, 1826: 145 [stem: *Cleon-*]. Type genus: *Cleonus* Schönherr, 1826 [syn. of *Cleonis* Dejean, 1821]. Comment: *nomen protectum* (see Appendix 1).

CLEONIDAE Kirby, 1837: 198 [stem: *Cleon-*]. Type genus: *Cleonis* Dejean, 1821.

XEROBIADAE Gistel, 1856a: 373 [stem: *Xerobi-*]. Type genus: *Xerobia* Gistel, 1856 [syn. of *Cleonis* Dejean, 1821]. Comment: incorrect original stem formation, not in prevailing usage.

\*BOTHYNODÉRIDES Chevrolat, 1872: 16 [stem: *Bothynoder-*]. Type genus: *Bothynoderes* sensu Chevrolat, 1872 [not *Bothynoderes* Schönherr, 1823; syn. of *Asproparthenis* Gozis, 1886]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

\*CONORHYNCHIDES Chevrolat, 1872: 17 [stem: *Conorhynch-*]. Type genus: *Conorhynchus* Motschulsky, 1860. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Handlirsch (1925: 687 [as CNEORHYNCHIDES; *lapsus calami* for CONORHYNCHIDES [treated as Latin]], but not generally accepted as valid; CONORHYNCHINAE Gill, 1861 (type genus *Conorhynchus* Gill, 1861, unjustified emendation of *Conorhynchus* Nozeman, 1758 and junior homonym of *Conorhynchus* Motschulsky, 1860) is available in Pisces; the Pisces family-group name is permanently invalid since it is based on a preoccupied type genus (Art. 39).

\*COSSINODÉRIDES Chevrolat, 1872: 18 [stem: *Cossinoder-*]. Type genus: *Cossinoderus* Chevrolat, 1872 [syn. of *Porocleonus* Motschulsky, 1860]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

EPIRHYNCHINI Petri, 1914: 3, in key [stem: *Epirrhynch-*]. Type genus: *Epirrhynchus* Schönherr, 1823 [as *Epirhynchus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

**Tribe LIXINI Schönherr, 1823**

LIXIDES Schönherr, 1823: column 1146 [stem: *Lix-*]. Type genus: *Lixus* Fabricius, 1801.

\*LARINIDEN Suffrian, 1848: 62 [stem: *Larin-*]. Type genus: *Larinus* Germar, 1824 [preoccupied genus name, not *Larinus* Dejean, 1821 [Coleoptera: CURCULIONIDAE: LIXINAE: LIXINI]; syn. of *Larinus* Dejean, 1821]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Suffrian (1848); if found to be available then permanently invalid (Art. 39): based on preoccupied type genus.



LARINIDAE Gistel, 1848: [7] [stem: *Larin-*]. Type genus: *Larinus* Germar, 1824 [preoccupied genus name, not *Larinus* Dejean, 1821 [Coleoptera: CURCULIONIDAE: LIXINAE: LIXINI]; syn. of *Larinus* Dejean, 1821]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

PHYLLONOMEIDAE Gistel, 1856a: 372 [stem: *Phyllonome-*]. Type genus: *Phyllonomeus* Gistel, 1856.

LARININI Petri, 1914: 4, in key [stem: *Larin-*]. Type genus: *Larinus* Germar, 1824 [preoccupied genus name, not *Larinus* Dejean, 1821 [Coleoptera: CURCULIONIDAE: LIXINAE: LIXINI]; syn. of *Larinus* Dejean, 1821]. Comment: family-group name proposed as new without reference to LARINIDAE Gistel, 1848; permanently invalid (Art. 39): based on preoccupied type genus.

### Tribe RHINOCYLLINI Lacordaire, 1863

RHINOCYLLIDES Lacordaire, 1863: 433 [stem: *Rhinocyll-*]. Type genus: *Rhinocyllus* Germar, 1817. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Faust (1904: 182, as RHINOCYLLINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 193, as RHINOCYLLINI).

### Subfamily MESOPTILIINAE Lacordaire, 1863

MÉSOPTILIDES Lacordaire, 1863: 563 [stem: *Mesoptili-*]. Type genus: *Mesoptilius* Labram and Imhoff, 1845.

### Tribe CARCILIINI Pierce, 1916

CARCILIINAE Pierce, 1916: 465 [stem: *Carcili-*]. Type genus: *Carcilia* Roelofs, 1874.

### Tribe LAEMOSACCINI Lacordaire, 1865

LÉMOSACIDES Lacordaire, 1865: 12 [stem: *Laemosacc-*]. Type genus: *Laemosaccus* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as LAEMOSACCINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 194, as LAEMOSACCINI); incorrect original stem formation, not in prevailing usage.

### Tribe MAGDALIDINI Pascoe, 1870 *nomen protectum*

THAMNOPHILIDES Schönherr, 1823: column 1136 [stem: *Thamnophil-*]. Type genus: *Thamnophilus* Schönherr, 1823 [preoccupied genus name, not *Thamnophilus* Vieillot, 1816 [Aves]; syn. of *Magdalis* Germar, 1817]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

SCARDAMYCTISIDAE Gistel, 1848: [7] [stem: *Scardamyct-*]. Type genus: *Scardamyctes* Gistel, 1848 [syn. of *Magdalis* Germar, 1817]. Comment: SCARDAMYCTINI Gistel, 1848 was recently considered a *nomen oblitum* by Colonnelli (2003: 7) however the necessary supporting references were not provided; we hereby consider SCARDAMYCTINI Gistel, 1848 as a *nomen oblitum* (see supporting ref-



erences in Appendix 1); incorrect original stem formation, not in prevailing usage.

MAGDALINIDAE Gistel, 1856a: 371 [stem: *Magdalin-*]. Type genus: *Magdalinus* Germar, 1843 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology by the Commission (ICZN 1955a); syn. of *Magdalis* Germar, 1817]. Comment: permanently invalid (Art. 39): based on suppressed type genus.

MAGDALINAE Pascoe, 1870b: 436 [stem: *Magdali-*]. Type genus: *Magdalis* Germar, 1817 [placed on the Official List of Generic Names in Zoology (ICZN 1955a)]. Comment: *nomen protectum* (see Appendix 1); incorrect original stem formation, not in prevailing usage.

RHININAE Pierce, 1916: 465 [stem: *Rhin-*]. Type genus: *Rhina* Latreille, 1802 [preoccupied genus name, not *Rhina* Schneider, 1801 [Pisces]; syn. of *Panus* Schönherr, 1823]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

### Tribe MESOPTILIINI Lacordaire, 1863

MÉSOPTILIDES Lacordaire, 1863: 563 [stem: *Mesoptili-*]. Type genus: *Mesoptilius* Labram and Imhoff, 1845. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as MESOPTILINAE [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 193, as MESOPTILIINI); incorrect original stem formation, not in prevailing usage.

CNEMIDOPHORINI Hustache, 1937: 199, in key [stem: *Cnemidophor-*]. Type genus: *Cnemidophorus* Schönherr, 1835 [preoccupied genus name, not *Cnemidophorus* Wagler, 1830 [Reptilia]; syn. of *Cnemidontus* Schenkling, 1935]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

CNEMIDONTINI Kuschel, 1955: 271 [stem: *Cnemidont-*]. Type genus: *Cnemidontus* Schenkling, 1935. Comment: replacement name for CNEMIDOPHORINI Hustache, 1937 because of the homonymy of the type genus.

### Subfamily MOLYTINAE Schönherr, 1823

MOLYTIDES Schönherr, 1823: column 1142 [stem: *Molyt-*]. Type genus: *Molytes* Schönherr, 1823 [syn. of *Liparus* A. G. Olivier, 1807].

### Tribe ANOPLINI Bedel, 1884

ANOPLINI Bedel, 1884a: 67, in key [stem: *Anopl-*]. Type genus: *Anoplus* Germar, 1820.

### Tribe AMALACTINI Lacordaire, 1863

AMALACTIDES Lacordaire, 1863: 506 [stem: *Amalact-*]. Type genus: *Amalactus* Schönherr, 1835. Comment: original vernacular name available (Art. 11.7.2):

first used in latinized form by Pascoe (1870b: 436, as AMALACTINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 196, as AMALACTINI).

**Tribe AMINYOPINI Voss, 1956**

AMINYOPINI Voss, 1956b: 30, in key [stem: *Aminyop*-]. Type genus: *Aminyops* Voss, 1956.

NIPHADINI Voss, 1963: 5 [stem: *Niphad*-]. Type genus: *Niphades* Pascoe, 1871.

NIPHADONOTHINA Voss, 1965: 344, in key [stem: *Niphadonoth*-]. Type genus: *Niphadonothus* Voss, 1965.

**Tribe AMORPHOCERINI Voss, 1939**

AMORPHOCERINI Voss, 1939: 65 [stem: *Amorphocer*-]. Type genus: *Amorphocerus* Schönherr, 1826.

**Tribe ANCHONINI Imhoff, 1856**

ANCHONIDAE Imhoff, 1856: [2] 213 [stem: *Anchon*-]. Type genus: *Anchonus* Schönherr, 1825.

**Tribe BRACHYCEROPSEINI Aurivillius, 1926**

BRACHYCEROPSEINAE Aurivillius, 1926b: 2 [stem: *Brachyceropse*-]. Type genus: *Brachyceropsis* Aurivillius, 1926. Comment: Alonso-Zarazaga and Lyal (2002: 18) incorrectly changed their previous opinion in Alonso-Zarazaga and Lyal (1999: 103) regarding the correct stem based on this genus name, the correct stem is *Brachyceropse*-.

**Tribe CHOLINI Schönherr, 1825**

CHOLIDES Schönherr, 1825: column 584 [stem: *Chol*-]. Type genus: *Cholus* Germar, 1824 [placed on the Official List of Generic Names in Zoology (ICZN 1987d)].

**Subtribe CHOLINA Schönherr, 1825**

CHOLIDES Schönherr, 1825: column 584 [stem: *Chol*-]. Type genus: *Cholus* Germar, 1824 [placed on the Official List of Generic Names in Zoology (ICZN 1987d)].

AMERININAE Pierce, 1919: 30, in key [stem: *Amerin*-]. Type genus: *Ameris* Dejean, 1821.

**Subtribe CHOLOMINA Vaurie, 1974**

CHOLOMINI Vaurie, 1974: 4 [stem: *Cholom*-]. Type genus: *Cholomus* Roelofs, 1880.

**Subtribe RHINASTINA Vaurie, 1973**

RHINASTINI Vaurie, 1973: 4, in key [stem: *Rhinast*-]. Type genus: *Rhinastus* Schönherr, 1825.

**Tribe CLEOGONINI Gistel, 1848**

CLEOGONIDAE Gistel, 1848: [7] [stem: *Cleogon*-]. Type genus: *Cleogonus* Schönherr, 1825.

**Tribe CONOTRACHELINI Jekel, 1865**

CONOTRACHELIDES Jekel, 1865: 550 [stem: *Conotrachel*-]. Type genus: *Conotrachelus* Dejean, 1835.

ECHINASPINI Blatchley, 1922: 121 [stem: *Echinaspid*-]. Type genus: *Echinaspis* Blatchley, 1922 [preoccupied genus name, not *Echinaspis* Haeckel, 1881 [Protista]; syn. of *Microhyus* J. L. LeConte, 1876]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

**Tribe CYCLOTERINI Lacordaire, 1863**

CYCLOTÉRIDES Lacordaire, 1863: 365 [stem: *Cycloter*-]. Type genus: *Cycloterus* Schönherr, 1843.

**Subtribe CYCLOTERINA Lacordaire, 1863**

CYCLOTÉRIDES Lacordaire, 1863: 365 [stem: *Cycloter*-]. Type genus: *Cycloterus* Schönherr, 1843. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 228, as CYCLOTERINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 200, as CYCLOTERINI).

**Subtribe THROMBOSTERNINA Voss, 1965**

THROMBOSTERNINA Voss, 1965: 344, in key [stem: *Thrombostern*-]. Type genus: *Thrombosternus* G. A. K. Marshall, 1955.

**Tribe DINOMORPHINI Lacordaire, 1863**

DINOMORPHIDES Lacordaire, 1863: 291 [stem: *Dinomorph*-]. Type genus: *Dinomorphus* Perty, 1832. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as DINOMORPHINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 201, as DINOMORPHINI).

**Tribe EMPHYASTINI Lacordaire, 1863**

EMPHIASTIDES Lacordaire, 1863: 510 [stem: *Emphyast*-]. Type genus: *Emphyastes* Mannerheim, 1852 [as *Emphiastes*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1876: 137, as EMPHYASTINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 143, as EMPHYASTINA); incorrect original stem formation, not in prevailing usage.

PHYCOCOETES J. L. LeConte, 1876: 189 [stem: *Phycocoet-*]. Type genus: *Phycocoetes* J. L. LeConte, 1876 [preoccupied genus name, not *Phycocoetes* Agassiz, 1846 [Pisces]; syn. of *Thalasselephas* Egorov and Korotyaev, 1976]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

THALASSELEPHANTINI Alonso-Zarazaga and Lyal, 1999: 208 [stem: *Thalasselephant-*]. Type genus: *Thalasselephas* Egorov and Korotyaev, 1976. Comment: replacement name for PHYCOCOETINI J. L. LeConte, 1876 because of the homonymy of the type genus.

### Tribe EUDERINI Lacordaire, 1865

EUDÉRIDES Lacordaire, 1865: 18 [stem: *Euder-*]. Type genus: *Euderus* Schönherr, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as EUDERINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 201, as EUDERINI); the junior homonym EUDERINI Erdős, 1956 (type genus *Euderus* Haliday, 1844) is available in Hymenoptera: EULOPHIDAE; the name ENTIINAE Hedqvist, 1974 is now used as valid in Hymenoptera instead of EUDERINI Erdős, 1956 (see Hansson and Straka 2009: 272).

### Tribe GALLOISIINI Morimoto, 1962

GALLOISIINAE Morimoto, 1962b: 375 [stem: *Galloisi-*]. Type genus: *Galloisia* Hustache, 1920.

### Tribe GUIOPERINI Lacordaire, 1865

GUIOPÉRIDES Lacordaire, 1865: 78 [stem: *Guioper-*]. Type genus: *Guioperus* Perty, 1832. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 232, as GUIOPERINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 201, as GUIOPERINI).

### Tribe HYLOBIINI Kirby, 1837

HYLOBIDAE Kirby, 1837: 196 [stem: *Hylobi-*]. Type genus: *Hylobius* Germar, 1817.

### Subtribe EPISTROPHINA Marshall, 1932

EPISTROPHINA G. A. K. Marshall, 1932: 346, in key [stem: *Epistroph-*]. Type genus: *Epistrophus* Kirsch, 1868 [preoccupied genus name, not *Epistrophus* Gistel, 1834 [Coleoptera: ELATERIDAE]; *Epistrophus* Kirsch, 1868 is currently considered a valid genus name]. Comment: as pointed out by Alonso-Zarazaga and Lyal (1999: 202) this family-group name should be treated as permanently invalid (Art. 39) because it is based on a preoccupied type genus, however, an application will be submitted by MAAZ and CHCL to the Commission for the conservation of the genus *Epistrophus* Kirsch, 1868 over its unused senior homonym; meanwhile current usage is maintained.

**Subtribe HYLOBIINA Kirby, 1837**

HYLOBIDAE Kirby, 1837: 196 [stem: *Hylobi-*]. Type genus: *Hylobius* Germar, 1817. Comment: incorrect original stem formation, not in prevailing usage.

HEILIPINAE Faust, 1892b: 202, in key [stem: *Heilipod-*]. Type genus: *Heilipus* Germar, 1824. Comment: incorrect original stem formation, not in prevailing usage.

SYPHORBINA G. A. K. Marshall, 1932: 346, in key [stem: *Syphorb-*]. Type genus: *Syphorbus* Pascoe, 1881.

**Tribe ITHYPORINI Lacordaire, 1865**

ITHYPORIDES Lacordaire, 1865: 50 [stem: *Ithypor-*]. Type genus: *Ithyporus* Schönherr, 1836. Comment: precedence (ITHYPORINI Lacordaire, 1865 vs SCLEROCARDIINI Lacordaire, 1865) given to taxon originally proposed at the higher rank (Art. 24.1).

**Subtribe COLOBODINA Voss, 1958**

COLOBODINI Voss, 1958: 50, in key [stem: *Colobod-*]. Type genus: *Colobodes* Schönherr, 1837.

**Subtribe ITHYPORINA Lacordaire, 1865**

ITHYPORIDES Lacordaire, 1865: 50 [stem: *Ithypor-*]. Type genus: *Ithyporus* Schönherr, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kirsch (1870: 192, as ITHYPORIDAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 203, as ITHYPORINI).

**Subtribe SCLEROCARDIINA Lacordaire, 1865**

SCLÉROCARDIIDES Lacordaire, 1865: 317 [stem: *Sclerocardi-*]. Type genus: *Sclerocardius* Schönherr, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 233, as SCLEROCARDINI [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 204, as SCLEROCARDIINA).

**Tribe ITINI Reitter, 1913**

ITINI Reitter, 1913b: 58, in key [stem: *It-*]. Type genus: *Ita* Tournier, 1878.

**Tribe JUANORHININI Aurivillius, 1931**

JUANORHININI Aurivillius, 1931: 465 [stem: *Juanorhin-*]. Type genus: *Juanorhinus* Aurivillius, 1926.

**Tribe LEPYRINI Kirby, 1837**

LEPYRIDAE Kirby, 1837: 197 [stem: *Lepyr-*]. Type genus: *Lepyrus* Germar, 1817.

**Tribe LITHININI Lacordaire, 1863**

LITHINIDES Lacordaire, 1863: 349 [stem: *Lithin-*]. Type genus: *Lithinus* Klug, 1833.

**Subtribe LITHININA Lacordaire, 1863**

LITHINIDES Lacordaire, 1863: 349 [stem: *Lithin-*]. Type genus: *Lithinus* Klug, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as LITHININAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 204, as LITHININI).

**Subtribe RHYTIDOPHLOEINA Voss, 1963**

RHYTIDOPHLOEINI Voss, 1963: 3 [stem: *Rhytidophloe-*]. Type genus: *Rhytidophloeus* Schönherr, 1842.

**Tribe LYMANTINI Lacordaire, 1865**

LYMANTIDES Lacordaire, 1865: 328 [stem: *Lyman-*]. Type genus: *Lymanthes* Schönherr, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 234, as LYMANTINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 205, as LYMANTINI).

ITHAURINAE Kuschel, 1959b: 509 [stem: *Ithaur-*]. Type genus: *Ithaura* Pascoe, 1871.

CAECOSSONINA Osella, 1980: 369 [stem: *Caecosso-*]. Type genus: *Caecosso-* Gilbert, 1955.

**Tribe MECYSOLOBINI Reitter, 1913**

ALCIDIDES Jekel, 1865: 547 [stem: *Alcid-*]. Type genus: *Alcides* Schönherr, 1825 [preoccupied genus name, not *Alcides* Hübner, 1822 [Lepidoptera]; syn. of *Sternuchopsis* Heller, 1918]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

MECYSLOBINI Reitter, 1913b: 33, in key [stem: *Mecyslob-*]. Type genus: *Mecyslobus* Reitter, 1905 [as *Mecyslobus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

ALCIDODINAE G. A. K. Marshall, 1939: 582 [stem: *Alcidod-*]. Type genus: *Alcidodes* G. A. K. Marshall, 1939 [syn. of *Sternuchopsis* Heller, 1918]. Comment: replacement name for ALCIDINAE Jekel, 1865 because of the homonymy of the type genus.

**Tribe METATYGINI Pascoe, 1888**

METATYGINAE Pascoe, 1888: 409 [stem: *Metatyg-*]. Type genus: *Metatyges* Pascoe, 1865 [syn. of *Omophorus* Schönherr, 1835].

OMOPHORINAE G. A. K. Marshall, 1917: 195 [stem: *Omophor-*]. Type genus: *Omophorus* Schönherr, 1835.



METATYGINAE Pierce, 1919: 30, in key [stem: *Metatyg-*]. Type genus: *Metatyges* Pascoe, 1865 [syn. of *Omophorus* Schönherr, 1835]. Comment: family-group name proposed as new without reference to METATYGINAE Pascoe, 1888.

STERNECHOSOMINI Voss, 1958: 43, in key [stem: *Sternechosom-*]. Type genus: *Sternechosomus* Voss, 1958.

### Tribe MOLYTINI Schönherr, 1823

MOLYTIDES Schönherr, 1823: column 1142 [stem: *Molyt-*]. Type genus: *Molytes* Schönherr, 1823 [syn. of *Liparus* A. G. Olivier, 1807].

### Subtribe LEIOSOMATINA Reitter, 1913

LIOSOMINA Reitter, 1913b: 52, in key [stem: *Leiosomat-*]. Type genus: *Leiosoma* Stephens, 1829 [as *Liosoma*, unjustified emendation of type genus name by Agassiz (1846b: 204), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

### Subtribe MOLYTINA Schönherr, 1823

MOLYTIDES Schönherr, 1823: column 1142 [stem: *Molyt-*]. Type genus: *Molytes* Schönherr, 1823 [syn. of *Liparus* A. G. Olivier, 1807].

LIPARIDES Latreille, 1828: 597 [stem: *Lipar-*]. Type genus: *Liparus* A. G. Olivier, 1807.

### Subtribe PLINTHINA Lacordaire, 1863

PLINTHIDES Lacordaire, 1863: 359 [stem: *Plinth-*]. Type genus: *Plinthus* sensu Westwood, 1838 [not *Plinthus* Germar, 1817; syn. of *Mitoplinthus* Reitter, 1897 but see Alonso-Zarazaga and Lyal (2010) and Appendix 6]. Comment: based on a misidentified type genus; an application was recently submitted to the Commission by Alonso-Zarazaga and Lyal (2010) to keep the name PLINTHINA in its usual sense, with *Plinthus* Germar, 1817 as its type genus (see Appendix 6).

MINYOPIDAE Marseul, 1863: 221 [stem: *Minyop-*]. Type genus: *Minyops* Schönherr, 1823.

### Subtribe TYPODERINA Voss, 1965

TYPODERINA Voss, 1965: 343, in key [stem: *Typoder-*]. Type genus: *Typoderus* G. A. K. Marshall, 1953.

### Tribe NETTARHININI Lacordaire, 1865

NETTARHINIDES Lacordaire, 1865: 76 [stem: *Nettarhin-*]. Type genus: *Nettarhinus* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hustache (1936: 62, as NETTARHININA), generally accepted as in Alonso-Zarazaga and Lyal (1999: 206, as NETTARHININI).

**Tribe PACHOLENINI Lacordaire, 1863**

PACHOLÉNIDES Lacordaire, 1863: 443 [stem: *Pacholen-*]. Type genus: *Pacholenus* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 229, as PACHOLENINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 206, as PACHOLENINI).

**Tribe PAIPALESOMINI Marshall, 1932**

PAIPALESOMINI G. A. K. Marshall, 1932: 345, in key [stem: *Paipalesom-*]. Type genus: *Paipalesomus* Schönherr, 1847 [syn. of *Peribleptus* Schönherr, 1843].

**Tribe PETALOCHILINI Lacordaire, 1863**

PÉTALOCHILIDES Lacordaire, 1863: 517 [stem: *Petalochil-*]. Type genus: *Petalochilus* Schönherr, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as PETALOCHILINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 206, as PETALOCHILINI).

ÉPIPÉDIDES Lacordaire, 1865: 186 [stem: *Epiped-*]. Type genus: *Epipedus* Schönherr, 1842 [preoccupied genus name, not *Epipedus* Spinola, 1837 [Hemiptera]; syn. of *Epipedophyes* G. A. K. Marshall, 1946]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Pascoe (1870b: 437, as EPIPEDINAE); permanently invalid (Art. 39): based on preoccupied type genus.

HORMOPINI J. L. LeConte, 1876: 320 [stem: *Hormop-*]. Type genus: *Hormops* J. L. LeConte, 1876.

SCHOENHERRIELLINAE Viana, 1952: 231 [stem: *Schoenherriell-*]. Type genus: *Schoenherriella* Viana, 1952 [syn. of *Epipedophyes* G. A. K. Marshall, 1946]. Comment: replacement name for EPIPÉDIDES Lacordaire, 1865 because of the homonymy of the type genus.

EPIPEDOPHYINAE Kuschel, 1955: 270 [stem: *Epipedophy-*]. Type genus: *Epipedophyes* G. A. K. Marshall, 1946. Comment: replacement name for EPIPÉDIDES Lacordaire, 1865 because of the homonymy of the type genus.

**Tribe PHOENICOBATINI Champion, 1914**

PHOENICOBATINA Champion, 1914: 416 [stem: *Phoenicobat-*]. Type genus: *Phoenicobates* Champion, 1914.

**Tribe PHRYNIXINI Kuschel, 1964**

PHRYNIXINAE Kuschel, 1964: 472 [stem: *Phrynix-*]. Type genus: *Phrynixus* Pascoe, 1875.

**Tribe PISSODINI Gistel, 1848**

PISSODISIDAE Gistel, 1848: [7] [stem: *Pissod-*]. Type genus: *Pissodes* Germar, 1817.

**Subtribe COTASTEROMIMINA Morimoto, 1962**

COTASTEROMIMINI Morimoto, 1962a: 61, in key [stem: *Cotasteromim*-]. Type genus: *Cotasteromimus* Chûjô and Voss, 1960.

**Subtribe ORTHORHININA Jekel, 1865**

ORTHORHINIDES Jekel, 1865: 548 [stem: *Orthorhin*-]. Type genus: *Orthorhinus* Schönherr, 1825.

**Subtribe PISSODINA Gistel, 1848**

PISSODISIDAE Gistel, 1848: [7] [stem: *Pissod*-]. Type genus: *Pissodes* Germar, 1817. Comment: incorrect original stem formation, not in prevailing usage.

ANGIANIDES Sharp, 1919b: 151 [stem: *Angian*-]. Type genus: *Angianus* Sharp, 1919 [syn. of *Vanapa* Pouillaude, 1915].

**Tribe STERNECHINI Lacordaire, 1863**

STERNÉCHIDES Lacordaire, 1863: 447 [stem: *Sternech*-]. Type genus: *Sternechus* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1902: 113, as STERNECHINA), generally accepted as in Alonso-Zarazaga and Lyal (1999: 208, as STERNECHINI).

**Tribe STYANACINI Chûjô and Voss, 1960**

STYANACINAE Chûjô and Voss, 1960: 2 [stem: *Styanac*-]. Type genus: *Styanax* Pascoe, 1871.

**Tribe TRACHODINI Gistel, 1848**

TRACHODISIDAE Gistel, 1848: [7] [stem: *Trachod*-]. Type genus: *Trachodes* Germar, 1824. Comment: incorrect original stem formation, not in prevailing usage.

BLASTOPHILADAE Gistel, 1856a: 370 [stem: *Blastophil*-]. Type genus: *Blastophila* Gistel, 1856 [syn. of *Trachodes* Germar, 1824]. Comment: incorrect original stem formation, not in prevailing usage.

ACICNÉMIDES Lacordaire, 1865: 31 [stem: *Acicnemid*-]. Type genus: *Acicnemis* Fairmaire, 1849. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Klima (1935: Acic. 1, as ACICNEMIDINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 196, as ACICNEMIDINI); incorrect original stem formation, not in prevailing usage.

**Tribe TRIGONOCOLINI Lacordaire, 1863**

TRIGONOCOLIDES Lacordaire, 1863: 592 [stem: *Trigonocol*-]. Type genus: *Trigonocolus* Lacordaire, 1863. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as TRIGONOCOLINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 208, as TRIGONOCOLINI).

MEGARHININAE Faust, 1888: 284 [stem: *Megarhin-*]. Type genus: *Megarhinus* Schönherr, 1835 [preoccupied genus name, not *Megarhinus* Rafinesque, 1820 [Pisces]; syn. of *Trigonocolus* Lacordaire, 1863]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

### Tribe TRYPETIDINI Lacordaire, 1865

TRYPÉTIDES Lacordaire, 1865: 177 [stem: *Trypetid-*]. Type genus: *Trypetes* Schönherr, 1836 [placed on the Official List of Generic Names in Zoology (ICZN 1974a)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as TRYPETINAE [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 209, as TRYPETIDINI); incorrect original stem formation, not in prevailing usage; stem based on *Trypetes* Schönherr, 1836 ruled to be *Trypetid-* and TRYPETIDINAE placed on the Official List of Family-Group Names in Zoology (ICZN 1974a, as TRYPETIDINAE Pierce, 1919).  
 TRYPETESIDAE Heller, 1916: 348, in note [stem: *Trypetes-*]. Type genus: *Trypetes* Schönherr, 1836 [placed on the Official List of Generic Names in Zoology (ICZN 1974a)]. Comment: emendation for TRYPETIDAE Lacordaire, 1865 to avoid homonymy with TRYPETIDAE Loew, 1861 (type genus *Trypeta* Meigen, 1803) in Diptera; corrected spelling not adopted since it creates homonymy problem with TRYPETESIDAE Stebbing, 1910 (type genus *Trypetesa* Norman, 1903) in Crustacea.

### Subfamily OROBITIDINAE Thomson, 1859

OROBITINA C. G. Thomson, 1859: 138 [stem: *Orobitid-*]. Type genus: *Orobitis* Germar, 1817. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Alonso-Zarazaga and Lyal (1999: 210).

### Subfamily XIPHASPIDINAE Marshall, 1920

XIPHASPIDINAE G. A. K. Marshall, 1920: 393 [stem: *Xiphaspid-*]. Type genus: *Xiphaspis* G. A. K. Marshall, 1920.

### Subfamily SCOLYTINAE Latreille, 1804

SCOLITARIИ Latreille, 1804c: 156 [stem: *Scolyt-*]. Type genus: *Scolytus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1963b)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1963b, as SCOLYTIDAE Westwood, 1838).

### Tribe AMPHISCOLYTINI Mandelshtam and Beaver, 2003

AMPHISCOLYTINI Mandelshtam and Beaver, 2003: 2 [stem: *Amphiscolyt-*]. Type genus: *Amphiscolytus* Mandelshtam and Beaver, 2003.

### Tribe BOTHROSTERNINI Blandford, 1896

BOTHROSTERNINI Blandford, 1896: 120 [stem: *Bothrostern-*]. Type genus: *Bothrosternus* Eichhoff, 1868.

**Tribe CACTOPININI Chamberlin, 1939**

CACTOPINAE Chamberlin, 1939: 243 [stem: *Cactopin*-.]. Type genus: *Cactopinus* Schwartz, 1899. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Wood (1978: 113).

**Tribe CARPHODICTICINI Wood, 1971**

CARPHODICTICINI Wood, 1971: 19 [stem: *Carphodictic*-.]. Type genus: *Carphodicticus* Wood, 1971.

**Tribe COPTONOTINI Chapuis, 1869**

COPTONOTIDAE Chapuis, 1869: 11 [stem: *Coptonot*-.]. Type genus: *Coptonotus* Chapuis, 1869.

**Tribe CORTHYLINI LeConte, 1876**

CORTHYLI J. L. LeConte, 1876: 347 [stem: *Corthyl*-.]. Type genus: *Corthylus* Erichson, 1836.

**Subtribe CORTHYLINA LeConte, 1876**

CORTHYLI J. L. LeConte, 1876: 347 [stem: *Corthyl*-.]. Type genus: *Corthylus* Erichson, 1836.

AMPHICRANIDAE Eichhoff, 1878: 460 [stem: *Amphicran*-.]. Type genus: *Amphicranus* Erichson, 1836.

XYLEBORIPINA Reitter, 1913c: 102 [stem: *Xyleborip*-.]. Type genus: *Xyleborips* Reitter, 1913. Comment: incorrectly spelled XYLOBORIPINA on page 31 of the same work.

GNATHOTRICHINA Balachowsky, 1949: 241 [stem: *Gnathotrich*-.]. Type genus: *Gnathotrichus* Eichhoff, 1869.

**Subtribe PITYOPHTHORINA Eichhoff, 1878**

PITYOPHTHORIDAE Eichhoff, 1878: 173 [stem: *Pityophthor*-.]. Type genus: *Pityophthorus* Eichhoff, 1864. Comment: First Revisers found (PITYOPHTHORINA Eichhoff, 1878 vs ARAPTINA Eichhoff, 1878) are Wood and Bright (1992: 949).

ARAPTIDAE Eichhoff, 1878: 305 [stem: *Arapt*-.]. Type genus: *Araptus* Eichhoff, 1872.

**Tribe CRYPHALINI Lindemann, 1877**

CRYPHALOIDEAE Lindemann, 1877: 165 [stem: *Cryphal*-.]. Type genus: *Cryphalus* Erichson, 1836.

TRYPOPHLOEINAE Nüsslin, 1911: 375 [stem: *Trypophloe*-.]. Type genus: *Trypophloeus* Fairmaire, 1868.

ERNOPORINAE Nüsslin, 1911: 375 [stem: *Ernopor*-.]. Type genus: *Ernopor* C. G. Thomson, 1859.

\*EIDOPHERINAE Murayama, 1954: 200 [stem: *Eidophel*-]. Type genus: *Eidophelus* Eichhoff, 1875. Comment: unavailable (Art. 13.1): proposed after 1930 without description or bibliographic reference to such a description; incorrect original stem formation, not in prevailing usage; correction of stem by Wood (1978: 114).

**Tribe CRYPTURGINI LeConte, 1876**

CRYPTURGI J. L. LeConte, 1876: 387 [stem: *Crypturg*-]. Type genus: *Crypturgus* Erichson, 1836.

**†Tribe CYLINDROBROTINI Kirejtshuk, Azar, Beaver, Mandelshtam and Nel, 2009**

CYLINDROBROTINI Kirejtshuk et al., 2009: 103 [stem: *Cylindrobrot*-]. Type genus: *Cylindrobrotus* Kirejtshuk et al., 2009.

**Tribe DIAMERINI Hagedorn, 1909**

DIAMERINAE Hagedorn, 1909: 163 [stem: *Diamer*-]. Type genus: *Diamerus* Erichson, 1836.

STROMBOPHORINI Schedl, 1959: 16 [stem: *Strombophor*-]. Type genus: *Strombophorus* Hagedorn, 1909. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Ferreira (1966: 664, as STROMBOPHORINI) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

SPHAEROTRYPINI Murayama, 1963: 66 [stem: *Sphaerotryp*-]. Type genus: *Sphaerotrypes* Blandford, 1894.

**Tribe DRYOCOETINI Lindemann, 1877**

DRYOCOETOIDEAE Lindemann, 1877: 165 [stem: *Dryocoet*-]. Type genus: *Dryocoetes* Eichhoff, 1864 [placed on the Official List of Generic Names in Zoology (ICZN 1979b)].

THAMNURGINAE Nüsslin, 1911: 377 [stem: *Thamnurg*-]. Type genus: *Thamnurgus* Eichhoff, 1864.

TAPHRORYCHINI Reitter, 1913c: 29 [stem: *Taphrorych*-]. Type genus: *Taphrorychus* Eichhoff, 1878.

**Tribe HEXACOLINI Eichhoff, 1878**

CTENOPHORIDAE Chapuis, 1869: 49 [stem: *Ctenophor*-]. Type genus: *Ctenophorus* Chapuis, 1869 [preoccupied genus name, not *Ctenophorus* Fitzinger, 1843 [Reptilia]; syn. of *Scolytodes* Ferrari, 1867]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

HEXACOLIDAE Eichhoff, 1878: 306 [stem: *Hexacol*-]. Type genus: *Hexacolus* Eichhoff, 1868. Comment: First Revisers found (PROBLECHILINI Eichhoff, 1878 vs HEXACOLINI Eichhoff, 1878) are Alonso-Zarazaga and Lyal (2009: 58).



PROBLECHILIDAE Eichhoff, 1878: 167 [stem: *Problechil*-. Type genus: *Problechilus* Eichhoff, 1878.

ERINEOPHILIDES Hopkins, 1902: 37 [stem: *Erineophil*-. Type genus: *Erineophilus* Hopkins, 1902.

### Tribe HYLASTINI LeConte, 1876

HYLASTES J. L. LeConte, 1876: 387 [stem: *Hylast*-. Type genus: *Hylastes* Erichson, 1836.

HYLURGOPINA Balachowsky, 1949: 122 [stem: *Hylurgop*-. Type genus: *Hylurgops* J. L. LeConte, 1876.

### Tribe HYLESININI Erichson, 1836

HYLESINEN Erichson, 1836: 46 [stem: *Hylesin*-. Type genus: *Hylesinus* Fabricius, 1801. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Shuckard (1839b: 63, as HYLESINIDAE), generally accepted as in Alonso-Zarazaga and Lyal (2009: 63, as HYLESININI); incorrect original stem formation, not in prevailing usage.

PHLOEOTRUPIDES Lacordaire, 1865: 370 [stem: *Phloeotrup*-. Type genus: *Phloeotrupes* Erichson, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Chapuis (1869: 11, as PHLOEOTRUPIDAE).

PHLOEOBORI Blandford, 1893: 426 [stem: *Phloeobor*-. Type genus: *Phloeoborus* Erichson, 1836.

DACTYLIPALPI Blandford, 1893: 426 [stem: *Dactylipalp*-. Type genus: *Dactylipalpus* Chapuis, 1869.

ALNIPHAGINI Murayama, 1963: 29 [stem: *Alniphag*-. Type genus: *Alniphagus* Swaine, 1918.

### Tribe HYLURGINI Gistel, 1848

HYLURGIDAE Gistel, 1848: [6] [stem: *Hylurg*-. Type genus: *Hylurgus* Latreille, 1806. Comment: status resurrected by Alonso-Zarazaga and Lyal (2009: 69).

DENDROCTONIDES Nüsslin, 1912: 278 [stem: *Dendrocton*-. Type genus: *Dendroctonus* Erichson, 1836 [placed on the Official List of Generic Names in Zoology (ICZN 1963a)].

XYLECHINIDES Nüsslin, 1912: 281 [stem: *Xylechin*-. Type genus: *Xylechinus* Chapuis, 1869.

TOMICINI Wood, 1978: 118, in key [stem: *Tomic*-. Type genus: *Tomicus* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1963a)]. Comment: the older name TOMICIDAE Shuckard, 1839 was based on misidentified type genus (see Alonso-Zarazaga and Lyal 2009); an application will be submitted by MAAZ and CHCL to the Commission to suppress TOMICIDAE Shuckard, 1839 for the Principles of Priority and Homonymy (Art. 65.2.1).

**Tribe HYORRHYNCHINI Hopkins, 1915**

HYORRHYNCHINAE Hopkins, 1915: 225, in key [stem: *Hyorrhynch-*]. Type genus: *Hyorrhynchus* Blandford, 1894.

\*SUEINAE Murayama, 1959: 26 [stem: *Sue-*]. Type genus: *Sueus* Murayama, 1951. Comment: unavailable (Art. 13.1): proposed after 1930 without description or bibliographic reference to such a description.

HYORRHYNCHINI Murayama, 1963: 62 [stem: *Hyorrhynch-*]. Type genus: *Hyorrhynchus* Blandford, 1894. Comment: family-group name proposed as new without reference to HYORRHYNCHINAE Hopkins, 1915.

SUEINAE Murayama, 1963: 4 [stem: *Sue-*]. Type genus: *Sueus* Murayama, 1951.

**Tribe HYPOBORINI Nüsslin, 1911**

HYPOBORINAE Nüsslin, 1911: 376 [stem: *Hypobor-*]. Type genus: *Hypoborus* Erichson, 1836.

CHAETOPHLOEINI Schedl, 1966: 361 [stem: *Chaetophloe-*]. Type genus: *Chaetophloeus* J. L. LeConte, 1876.

**Tribe IPINI Bedel, 1888**

TOMICIDAE Shuckard, 1839b: 64 [stem: *Tomic-*]. Type genus: *Tomicus* sensu Shuckard, 1839 [not *Tomicus* Latreille, 1802; syn. of *Ips* DeGeer, 1775]. Comment: based on a misidentified type genus (see Alonso-Zarazaga and Lyal 2009); see also TOMICINI Wood, 1978; an application will be submitted by MAAZ and CHCL to the Commission to suppress TOMICIDAE Shuckard, 1839 for the Principles of Priority and Homonymy (Art. 65.2.1).

IPINI Bedel, 1888: 386 [stem: *Ip-*]. Type genus: *Ips* DeGeer, 1775. Comment: an application needs to be submitted to the Commission to suppress IPINI Latreille, 1802 (based on the misidentified type genus *Ips* sensu Latreille, 1802) for the Principles of Priority and Homonymy (Art. 65.2.1) to conserve this name as valid.

PITYOGENINA Balachowsky, 1949: 244 [stem: *Pityogen-*]. Type genus: *Pityogenes* Bedel, 1888.

**Tribe MICRACIDINI LeConte, 1876**

MICRACIDES J. L. LeConte, 1876: 367 [stem: *Micracid-*]. Type genus: *Micracis* J. L. LeConte, 1868. Comment: incorrect original stem formation, not in prevailing usage; stem corrected by Alonso-Zarazaga and Lyal (2009: 81).

HYLOCURIDAE Eichhoff, 1878: 298 [stem: *Hylocur-*]. Type genus: *Hylocurus* Eichhoff, 1872.

**Tribe PHLOEOSININI Nüsslin, 1912**

PHLOEOSINIDES Nüsslin, 1912: 289 [stem: *Phloeosin-*]. Type genus: *Phloeosinus* Chapuis, 1869 [placed on the Official List of Generic Names in Zoology (ICZN 1981a)].

\*DENDROSININI Nunberg, 1967: 314 [stem: *Dendrosin*]. Type genus: *Dendrosinus* Chapuis, 1869. Comment: unavailable (Art. 13.1): proposed after 1930 without description or bibliographic reference to such a description.

### Tribe PHLOEOTRIBINI Chapuis, 1869

PHLOEOTRIBIDAE Chapuis, 1869: 42 [stem: *Phloeotrib*]. Type genus: *Phloeotribus* Latreille, 1797 [placed on the Official List of Generic Names in Zoology (ICZN 1979a)].

PHTHOROPHLOEIDES Nüsslin, 1912: 289 [stem: *Phthorophloe*]. Type genus: *Phthorophloeus* Rey, 1885.

### Tribe PHRIXOSOMATINI Wood, 1978

PHRIXOSOMINI Wood, 1978: 118, in key [stem: *Phrixosomat*]. Type genus: *Phrixosoma* Blandford, 1897. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Alonso-Zarazaga and Lyal (2009: 91).

### Tribe POLYGRAPHINI Chapuis, 1869

POLYGRAPHIDAE Chapuis, 1869: 48 [stem: *Polygraph*]. Type genus: *Polygraphus* Erichson, 1836.

CARPHOBORINAE Nüsslin, 1911: 376 [stem: *Carphobor*]. Type genus: *Carphoborus* Eichhoff, 1864.

### Tribe PREMNOBIINI Browne, 1962

PREMNOBIINI Browne, 1962: 80 [stem: *Premnobi*]. Type genus: *Premnobius* Eichhoff, 1878. Comment: family-group name available (Art. 13.1.2): description by indication (distinguishing characters given in Browne (1961)).

### Tribe SCOLYTINI Latreille, 1804

SCOLITARIИ Latreille, 1804c: 156 [stem: *Scolyt*]. Type genus: *Scolytus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1963b)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1963b, as SCOLYTIDAE Westwood, 1838); incorrect original stem formation, not in prevailing usage.

ECCOPTOGASTRIDAE Gistel, 1848: [6] [stem: *Eccoptogastr*]. Type genus: *Ekkoptogaster* Herbst, 1793 [as *Eccoptogaster*, incorrect subsequent spelling of type genus name by Gyllenhal (1813), not in prevailing usage; *Ekkoptogaster* Herbst, 1793 and *Eccoptogaster* Erichson, 1836 placed on the Official Index of Rejected and Invalid Genus-Group Names in Zoology (ICZN 1963b); syn. of *Scolytus* Geoffroy, 1762]. Comment: permanently invalid (Art. 39): based on suppressed type genus; ECCOPTOGASTERINAE Trédli, 1907 and ECCOPTOGASTERINI Reitter, 1906 placed on the Index of Rejected and Invalid Family-Group names in Zoology (ICZN 1963b).

CAMPTOCÉRIDES Lacordaire, 1865: 366 [stem: *Camptocer-*]. Type genus: *Camptocerus* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Chapuis (1869: 49, as CAMPTOCERIDAE).

MINULINI Reitter, 1913c: 12 [stem: *Minul-*]. Type genus: *Minulus* Eggers, 1912.

### **Tribe SCOLYTOPLATYPODINI Blandford, 1893**

SCOLYTOPLATYPINI Blandford, 1893: 428 [stem: *Scolytoplatypod-*]. Type genus: *Scolytoplatypus* C. Schaufuss, 1891. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Blandford (1895: 84).

TAENIOCERINI Blandford, 1893: 428 [stem: *Taeniocer-*]. Type genus: *Taeniocerus* Blandford, 1893 [preoccupied genus name, not *Taeniocerus* Kaup, 1871 [Coleoptera: PASSALIDAE]; syn. of *Scolytoplatypus* C. Schaufuss, 1891]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

SPONGOCERINAE Hagedorn, 1909: 163 [stem: *Spongocer-*]. Type genus: *Spongocerus* Blandford, 1893.

### **Tribe XYLEBORINI LeConte, 1876**

XYLEBORI J. L. LeConte, 1876: 358 [stem: *Xylebor-*]. Type genus: *Xyleborus* Eichhoff, 1864 [placed on the Official List of Generic Names in Zoology (ICZN 1968a)].

WEBBINAE Hopkins, 1915: 224, in key [stem: *Webbi-*]. Type genus: *Webbia* Hopkins, 1915. Comment: incorrect original stem formation, not in prevailing usage.

\*ECCOPTOPTERINA Browne, 1961: 49 [stem: *Eccoptopter-*]. Type genus: *Eccoptopterus* Motschulsky, 1863. Comment: unavailable (Art. 13.1): proposed after 1930 without description or bibliographic reference to such a description.

### **Tribe XYLOCTONINI Eichhoff, 1878**

XYLOCTONIDAE Eichhoff, 1878: 171 [stem: *Xylocton-*]. Type genus: *Xyloctonus* Eichhoff, 1872.

### **Tribe XYLOTERINI LeConte, 1876**

XYLOTERI J. L. LeConte, 1876: 356 [stem: *Xyloter-*]. Type genus: *Xyloterus* Erichson, 1836.

\*TRYPODENDRINAE Trédler, 1907: 70 [stem: *Trypodendr-*]. Type genus: *Trypodendron* Stephens, 1830. Comment: family-group name unavailable (Art. 11.7.1.1): not based on a genus used as valid at the time.

TRYPODENDRINA Nunberg, 1954: 16 [stem: *Trypodendr-*]. Type genus: *Trypodendron* Stephens, 1830.

### **Subfamily PLATYPODINAE Shuckard, 1839**

PLATYPODIDAE Shuckard, 1839b: 64 [stem: *Platypod-*]. Type genus: *Platypus* Herbst, 1793.

**Tribe MECOPELMINI Thompson, 1992**

\*MECOPELMINI Wood, 1966: 45 [stem: *Mecopelm*-.]. Type genus: *Mecopelmus* Blackman, 1944. Comment: unavailable (Art. 13.1): proposed after 1930 without description or bibliographic reference to such a description.

MECOPELMINAE Thompson, 1992: 873, in key [stem: *Mecopelm*-.]. Type genus: *Mecopelmus* Blackman, 1944.

**Tribe PLATYPODINI Shuckard, 1839**

PLATYPODIDAE Shuckard, 1839b: 64 [stem: *Platypod*-.]. Type genus: *Platypus* Herbst, 1793.

CROSSOTARSARIAE H. Strohmeier, 1914: 19 [stem: *Crossotars*-.]. Type genus: *Crossotarsus* Chapuis, 1865.

**Tribe SCHEDLARIINI Wood and Bright, 1992**

CHAPUISIIDES Blandford, 1895: 89 [stem: *Chapuisi*-.]. Type genus: *Chapuisia* Dugès, 1886 [preoccupied genus name, not *Chapuisia* Duvivier, 1885 [Coleoptera: CHRYSOMELIDAE]; syn. of *Schedlarius* Wood, 1957]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

SCHEDLARINI Wood and Bright, 1992: 1087 [stem: *Schedlari*-.]. Type genus: *Schedlarius* Wood, 1957. Comment: replacement name for CHAPUISIIDES Blandford, 1895 because of the homonymy of the type genus; incorrect original stem formation, not in prevailing usage; correction of stem and transfer to PLATYPODINAE by Alonso-Zarazaga and Lyal (2009: 17).

**Tribe TESSEROCERINI Strohmeier, 1914**

TESSEROCERINAE H. Strohmeier, 1914: 19 [stem: *Tesserocer*-.]. Type genus: *Tesserocer*us Saunders, 1836. Comment: precedence (TESSEROCERINI H. Strohmeier, 1914 vs DIAPODINI Strohmeier, 1914) given to taxon originally proposed at the higher rank (Art. 24.1).

**Subtribe DIAPODINA Strohmeier, 1914**

DIAPODARIAE H. Strohmeier, 1914: 19 [stem: *Diapod*-.]. Type genus: *Diapus* Chapuis, 1865.

GENYOCERINAE Hopkins, 1915: 225, in key [stem: *Genyocer*-.]. Type genus: *Genyocer*us Motschulsky, 1858.

**Subtribe TESSEROCERINA Strohmeier, 1914**

TESSEROCERINAE H. Strohmeier, 1914: 19 [stem: *Tesserocer*-.]. Type genus: *Tesserocer*us Saunders, 1836. Comment: precedence (TESSEROCERINA H. Strohmeier, 1914 vs CENOCEPHALINA Strohmeier, 1914) given to taxon originally proposed at the higher rank (Art. 24.1).

SYMMERARIAE H. Strohmeier, 1914: 19 [stem: *Symmer*-.]. Type genus: *Symmer*us Chapuis, 1865 [preoccupied genus name, not *Symmerus* Walker,



1848 [Diptera]; syn. of *Chaetastus* Nunberg, 1953]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

CENOCEPHALARIAE H. Strohmeyer, 1914: 19 [stem: *Cenocephal-*]. Type genus: *Cenocephalus* Chapuis, 1865.

PLATYTARSILIDAE Schedl, 1939: 387 [stem: *Platytarsul-*]. Type genus: *Platytarsulus* Schedl, 1935. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Wood and Bright (1992: 1084).

PERIOMATINI Schedl, 1939: 397, in key [stem: *Periommat-*]. Type genus: *Periommatus* Chapuis, 1865 [as *Periomatus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Schedl (1972: 249).

PLATYPICERINAE Nunberg, 1953: 44 [stem: *Platypicer-*]. Type genus: *Platypicerus* Nunberg, 1953.

### **Coleoptera incertae sedis**

HOMOEOPLASTIDAE Gistel, 1856a: 360. Type genus: *Homoeoplastus* Gistel, 1856 [Gistel includes three species in his new genus, none of which are described in his work nor attributed to authors as having been described previously; we therefore consider *Homoeoplastus* unavailable]. Comment: family-group name unavailable (Art. 11.7.1.1): not based on an available genus name.

PLOCASTEIDAE Gistel, 1856a: 365. Type genus: *Plocastes* Gistel, 1856 [the only species originally included in *Plocastes* is *scaraboides*; Gistel does not mention the author of the species name, nor does he describe the taxon, we therefore consider *Plocastes* as unavailable]. Comment: family-group name unavailable (Art. 11.7.1.1): not based on an available genus name.

SERRATOPALPIDAE Gistel, 1856a: 384. Type genus: *Serratopalpus* Gistel, 1856 [*Serratopalpus helwigii* was the only species originally included in *Serratopalpus*; this new species was not described in Gistel's original paper therefore the genus name is considered unavailable]. Comment: family-group name unavailable (Art. 11.7.1.1): not based on an available genus name.



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## References

As mentioned in the *Format of the catalogue and conventions used* section, we have tried to find the most accurate date of publication (given in square brackets) for works cited in the manuscript. As outlined under Art. 21 of the Code, the date to be adopted as the date of publication of a work (and of a contained name or nomenclatural act) is to be determined as follows: if a date of publication is specified in a work it is to be adopted as correct in the absence of evidence to the contrary, if a specific date of publication is not mentioned in the work then the date to be adopted is the last day of the month (when month and year, but not day, are specified) or the last day of the year (when only the year is specified). When the date of publication was not specified within the original work or its containing volume, we tried to obtain the time frame of its appearance as follows: a date cited within an article (such as in the Preface or the submitted or approval date, etc.) indicates that the article was published after that date, while dates of receipt at various libraries, societies, bibliographers and reviewers provide the latest possible date of its publication. To conserve space in discussions on dates of publication, we have used only the first three letters of each month and the following abbreviations:

- Acad. Sci. France = Académie des Sciences de France (Comptes Rendus Hebdomadaires des Séances)
- Allgem. Bibliogr. Deutschl. = Allgemeine Bibliographie für Deutschland
- Allgem. Bibliogr. Monatl. Verz. = Allgemeine Bibliographie. Monatliches Verzeichniss der wichtigern neuen Erscheinungen der deutschen und ausländischen Literatur
- Allgem. Lit. Zeit. = Allgemeine Literatur-Zeitung
- Ann. Mag. Nat. Hist. = The Annals and Magazine of Natural History
- Ann. Sci. Phys. Nat. Agr. Ind. Lyon = Annales des Sciences Physiques et Naturelles, d'Agriculture et d'Industrie (Lyon)
- Ann. Soc. Agr. Hist. Nat. Arts Utiles Lyon = Annales de la Société d'Agriculture, Histoire Naturelle et Arts Utiles de Lyon
- Ann. Soc. Ent. Belg. = Annales de la Société Entomologique de Belgique
- Ann. Soc. Ent. Belg., Comptes-Rendus = Comptes-Rendus des Séances de la Société Entomologique de Belgique
- Ann. Soc. Ent. France = Annales de la Société Entomologique de France
- Ann. Soc. Ent. France: Bull. Ent. = Annales de la Société Entomologique de France, Bulletin Entomologique
- Ann. Soc. Ent. France: Bull. Bibliogr. = Annales de la Société Entomologique de France, Bulletin Bibliographique
- Ann. Soc. Imp. Agr. Hist. Nat. Arts Utiles Lyon = Annales de la Société d'Agriculture, Histoire Naturelle et Arts Utiles de Lyon
- Ann. Soc. Linn. Lyon = Annales de la Société Linnéenne de Lyon
- Annuaire Ent. = Annuaire Entomologique (Caen, par A. Fauvel)

Arch. Nat. Hist. = Archives of Natural History

Arch. Naturg. = Archiv für Naturgeschichte

Berl. Ent. Zeitschr. = Berliner Entomologische Zeitschrift

Bibliogr. France = Bibliographie de la France

Bibliogr. Ital. = Bibliografia Italiana

Biblioth. Hist.-nat. = Bibliotheca Historico-naturalis Physico-chemica et Mathematica

Brit. Critic = The British Critic

Bull. Acad. Imp. Sci. St.-Petersbourg = Bulletin de l'Académie Impériale des Sciences de St.-Petersbourg

Bull. Bibliogr. Sci. Phys. = Bulletin Bibliographique des Sciences Médicales, Naturelles et Physiques

Bull. Sci. Nat. Géol. = Bulletin des Sciences Naturelles et de Géologie

Bull. Soc. Ent. France = Bulletin de la Société Entomologique de France

Bull. Soc. Imp. Nat. Moscou = Bulletin de la Société Impériale des Naturalistes de Moscou

Bull. Soc. Linn. Norm. = Bulletin de la Société Linnéenne de Normandie

Cat. Ann. Libr. France = Catalogue Anuel de la Librairie Française (Paris, par C. Reinwald)

Compte-Rendu Soc. Roy. Belg. Géogr. = Compte-Rendu des Actes de la Société Royale Belge de Géographie

Deut. Ent. Zeits. = Deutsche Entomologische Zeitschrift

Edinb. Rev. = The Edinburgh Review, or Critical Journal

Ent. Bericht. = Entomologische Berichten uitgegeven door de Nederlandsche Entomologische Vereeniging

Ent. Litteraturbl. = Entomologische Litteraturblätter, Repertorium der neuesten Arbeiten auf dem Gesamtgebiet der Entomologie (by Friedländer)

Ent. Mon. Mag. = The Entomologist's Monthly Magazine

Ent. Mag. = The Entomological Magazine

Ent. Nachr. = Entomologische Nachrichten

Ent. News = Entomological News

Ent. Record = The Entomologist's Record and Journal of Variation

Ent. Zeit. Stettin = Entomologische Zeitung (Stettin)

Foreign Quart. Rev. = The Foreign Quarterly Review

Kongel. Danske Vidensk. Selsk. Skrifter = Det Kongelige Danske Videnskabernes Selskabs Skrifter

Intell.-Blatt Allgem. Lit. = Intelligenz-Blatt der Allgemeine Literatur-Zeitung

Intell.-Blatt Serap. = Intelligenz-Blatt zum Serapeum

Jour. Nat. Hist. = Journal of Natural History

Jour. Proc. Ent. Soc. London = Journal of the Proceedings of the Entomological Society of London

Jour. Gén. Litt. France = Journal Général de la Littérature de France

Leipz. Repert. = Leipziger Repertorium der deutschen und ausländischen Literatur

Literar. Zeit. = Literarische Zeitung

- Literar. Centrbl. = Literarisches Centralblatt für Deutschland  
 Literary Gazette = The Literary Gazette, and Journal of the Belles Lettres  
 London Rev. = The London Review, and Literary Journal  
 Mag. Nat. Hist. = The Magazine of Natural History and Journal of Zoology, Botany, Mineralogy, Geology, and Meteorology  
 Mem. R. Accad. Sci. Torino = Memorie della Reale Accademia delle Scienze di Torino  
 Mém. Acad. Sci. Belles-lettres Lyon. Cl. Sci. = Mémoires de l'Académie des Sciences, Belles-lettres et Arts de Lyon: Classe des Sciences  
 Mém. Prés. Acad. Imp. Sci. St. Pétersbourg = Mémoires Présentés à l'Académie Impériale des Sciences de St. Pétersbourg par Divers Savans et Lus dans ses Assemblées  
 Mém. Soc. Roy. Sci. Liège = Mémoires de la Société Royale des Sciences de Liège  
 Monthly Cat. U. S. Govt. Publ. = Monthly Catalogue of United States Government Publications  
 Nederl. Ent. Ver. = Nederlandsche Entomologische Vereeniging  
 New Zeal. Parl. Debates = New Zealand, Parliamentary Debates  
 Neues Allgem. Repert. = Neues Allgemeines Repertorium der neuesten in- und ausländischen Literatur  
 Öfvers. K. Vetensk.-Akad. Förh. = Öfversigt af Kongliga Vetenskaps-AKADEMIENS Förhandlingar  
 Opusc. Ent. = Opuscles Entomologiques  
 Petites Nouv. Ent. = Petites Nouvelles Entomologiques  
 Proc. Acad. Nat. Sci. Philad. = Proceedings of the Academy of Natural Sciences of Philadelphia  
 Proc. Amer. Philos. Soc. = Proceedings of the American Philosophical Society  
 Proc. Ent. Soc. London = Proceedings of the Entomological Society of London  
 Proc.-Verb. Soc. Agr. Hist. Nat. Arts Utiles Lyon = Procès-Verbaux de la Société d'Agriculture, Histoire Naturelle et Arts Utiles de Lyon  
 Rép. Trav. Soc. Stat. Mars. = Répertoire des Travaux de la Société de Statistique de Marseille  
 Rev. Ent. = Revue Entomologique (Silbermann)  
 Rev. d'Ent. = Revue d'Entomologie (Caen)  
 Rev. Gén. Sci. = Revue Générale des Sciences Pures et Appliquées  
 Rev. Zool. = Revue Zoologique  
 Sitzber. Ges. Naturf. Freunde Berlin = Sitzungsberichte der Gesellschaft Naturforschender Freunde zu Berlin  
 Sitzber. Königl. Bayer. Akad. Wiss. Münch. = Sitzungsberichte der Königl. Bayerischen Akademie der Wissenschaften zu München  
 Tijdschr. Ent. = Tijdschrift voor Entomologie  
 Trans. Ent. Soc. London = The Transactions of the Entomological Society of London  
 Trans. Roy. Soc. New Zeal. = Transactions of the Royal Society of New Zealand  
 Verh. Naturf. Ver. Brünn = Verhandlungen des Naturforschenden Vereines in Brünn  
 Verh. Zool.-Bot. Ges. Wien = Verhandlungen der Kaiserlich-Königlichen Zoologisch-Botanischen Gesellschaft in Wien



Wien. Ent. Zeit. = Wiener Entomologische Zeitung

Wien. Ent. Monatschr. = Wiener Entomologische Monatschrift

Zeitschr. Ver. Naturb. = Zeitschrift des Vereines der Naturbeobachter, Wien

Zool. Anz. = Zoologischer Anzeiger

Zool. Anz., Bibliogr. Zool. = Bibliographia Zoologica, diario Zoologischer Anzeiger adnexa

Zool. Jahresber. = Zoologischer Jahresbericht

Zool. Record = The Zoological Record

Zoologist = The Zoologist: a Popular Miscellany of Natural History

BMNH = The Natural History Museum [formerly British Museum (Natural History)], London, United Kingdom

CNC = Canadian National Collection of Insects, Arachnids and Nematodes, Ottawa, Canada

CUL = Cornell University Library, Ithaca, USA

FMNH = Field Museum of Natural History, Chicago, USA

MCZ = Harvard University, Museum of Comparative Zoology, Cambridge, USA

NRCL = National Resources Canada Library (Earth Sciences), Ottawa, Canada

USNM = National Museum of Natural History, [formerly, United States National Museum], Washington D.C., USA

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## Appendix I

Conservation of younger names using Reversal of Precedence (Art. 23.9). Cases listed in alphabetical order by family.

### CARABIDAE

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Appendix 2

Coleoptera family-group name changes required based on the Principle of Priority. The action that has been taken to fix the problem, or recommendation for future work, is mentioned for each case. Cases listed in alphabetical order by family.

Family	Change from:	Change to:	Action	Reference
ADERIDAE	ADERIDAE/-INI Csiki, 1909	EUGLENESIDAE/-INI Seidlitz, 1875	Younger name given precedence over older name and placed on the Official List of Family-Group Names in Zoology	ICZN (1989e)
ANTHRIBIDAE	ANTHRIBIDAE Billberg, 1820	CHORAGIDAE Kirby, 1819	Younger name given precedence over older name and placed on the Official List of Family-Group Names in Zoology	ICZN (1994b)
BRENTIDAE	ACRATINA Alonso-Zarazaga et al., 1999	NEMOCEPHALINA Lacordaire, 1865	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
BRENTIDAE	PSEUDOCEOCEPHALINA Kleine, 1922	UROPTERINA Jakobson, 1911	An application to the Commission is needed to conserve usage of the well-established name PSEUDOCEOCEPHALINA Kleine, 1922	
BRENTIDAE	PSEUDOCEOCEPHALINA Kleine, 1922	CEOCEPHALINA Lacordaire, 1865	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
BUPRESTIDAE	CHALCOPHORINA Lacordaire, 1857	ANAGLYPTINA Gistel, 1848	Use of younger name conserved (Art. 40.2)	this paper
CALLIRHIPIDAE	CALLIRHIPIDAE Emden, 1924	ZENOIDAE LeConte, 1866	An application to the Commission is needed to conserve usage of the well-established name CALLIRHIPIDAE Emden, 1924	
CANTHARIDAE	CANTHARIDAE/-INAE/-INI Imhoff, 1856	TELEPHORIDAE/-NAE/-INI Leach, 1815	Use of younger name conserved (Art. 40.2)	Lawrence and Newton (1995)
CARABIDAE	ANISODACTYLINA Lacordaire, 1854	EURYTRICHINA LeConte, 1847	Use of younger name conserved (Art. 23.9.2)	this paper
CARABIDAE	HARPALINAE Bonelli, 1810	GRAPHIPTERINAE Latreille, 1802	Use of younger name conserved (Art. 35.5)	this paper

Family	Change from:	Change to:	Action	Reference
CARABIDAE	HEXAGONIINI Horn, 1881	TRIGONODACTYLINI Brullé, 1834	Use of younger name conserved (Art. 40.2)	this paper
CARABIDAE	IRESIINA Rivalier, 1971	EUPROSOPINA Horn, 1893	An application to the Commission is needed to conserve usage of the well-established name IRESIINA Rivalier, 1971	
CARABIDAE	IRESIINA Rivalier, 1971	EUCALLIINA Horn, 1893	An application to the Commission is needed to conserve usage of the well-established name IRESIINA Rivalier, 1971	
CARABIDAE	IRESIINA Rivalier, 1971	DISTIPSIDERINA Horn, 1893	An application to the Commission is needed to conserve usage of the well-established name IRESIINA Rivalier, 1971	
CARABIDAE	PERIGONINI Horn, 1881	TRECHICINI Bates, 1873	Use of younger name conserved (Art. 23.9.2)	this paper
CARABIDAE	SALCEDIINI/-INA Alluaud, 1930	ZELMINI/-INA Andrewes, 1929	Use of younger name conserved (Art. 40.2)	this paper
CERAMBYCIDAE	EURYPODINI Gahan, 1906	ZARACINI Lacordaire, 1868	Use of younger name conserved (Art. 40.2)	this paper
CERAMBYCIDAE	HEMILOPHINI Thomson, 1868	AMPHIONYCHINI Thomson, 1860	Older name treated as a <i>nomen oblitum</i>	Bousquet et al. (2009)
CERAMBYCIDAE	MACRONINI Lacordaire, 1868	ENCHOPTERINI Thomson, 1861	An application to the Commission is needed to conserve usage of the well-established name MACRONINI Lacordaire, 1868	
CERAMBYCIDAE	PSEUDOCEPHALINI Aurivillius, 1912	AMETROCEPHALINI Thomson, 1861	Use of younger name conserved (Art. 40.2)	Bousquet et al. (2009)
CERAMBYCIDAE	STENODERINI Pascoe, 1867	SYLLITINI Thomson, 1864	An application to the Commission is needed to conserve usage of the well-established name STENODERINI Pascoe, 1867	
CHRYSOMELIDAE	AMBLYCERINA Bridwell, 1932	SPERMOPHAGINA Crotch, 1873	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
CHRYSOMELIDAE	BASIPRIONOTINI Gressitt, 1952	PRIOPTERINI Spaeth, 1914	Use of younger name conserved (Art. 40.2)	this paper
CHRYSOMELIDAE	BROMIINI Baly, 1865	ADOXIINI Baly, 1863	Use of younger name conserved (Art. 40.2)	this paper
CHRYSOMELIDAE	BROMIINI Baly, 1865	HETERASPINI Baly, 1863	An application to the Commission is needed to conserve usage of the well-established name BROMIINI Baly, 1865	

Family	Change from:	Change to:	Action	Reference
CHRYSEMELIDAE	DORYNOTINI Monrós and Viana, 1949	BATONOTINI Spaeth, 1923	Use of younger name conserved (Art. 40.2)	this paper
CHRYSEMELIDAE	HEMISPHEROTINI Monrós and Viana, 1951	PORPHYRASPIDINI Spaeth, 1929	Use of younger name conserved (Art. 40.2)	this paper
CHRYSEMELIDAE	NOTHOSACANTHINI Gressitt, 1952	HOPLONOTINI Spaeth, 1929	Use of younger name conserved (Art. 40.2)	this paper
CHRYSEMELIDAE	OEDIOPALPINI Monrós and Viana, 1947	AMPLIPALPINI Weise, 1910	Use of younger name conserved (Art. 40.2)	this paper
CHRYSEMELIDAE	OIDINI Laboissière, 1921	ADORIINI Chapuis, 1875	Use of younger name conserved (Art. 40.2)	this paper
CHRYSEMELIDAE	OMOCERINI Hincks, 1952	TAUROMINI Spaeth, 1923	Use of younger name conserved (Art. 40.2)	this paper
CHRYSEMELIDAE	SCELOENOPINI Uhmman, 1930	CEPHALODONTINI Gestro, 1906	An application to the Commission is needed to conserve usage of the well-established name SCELOENOPINI Uhmman, 1930	
CRYPTOPHAGIDAE	IPIDAE/-INAE/-INI Latreille, 1802	CRYPTOPHAGIDAE/-INAE/-INI Kirby, 1826	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
CURCULIONIDAE	ATERPINI/-INA Lacordaire, 1863	HELIOMENEINI/-INA Gistel, 1848	Use of younger name conserved (Art. 23.9.2)	this paper
CURCULIONIDAE	BAGOINAE Thomson, 1859	LYPRINAE Gistel, 1848	Use of younger name conserved (Art. 23.9.2)	this paper
CURCULIONIDAE	CLEONINI Schönherr, 1826	GEOMORINI Schönherr, 1823	Use of younger name conserved (Art. 23.9.2)	this paper
CURCULIONIDAE	HYPERINAE/-INI Lacordaire, 1863	PHYTONOMINAE/-INI Gistel, 1848	Use of younger name conserved (Art. 40.2)	this paper
CURCULIONIDAE	MAGDALIDINI Pascoe, 1870	SCARDAMYCTINI Gistel, 1848	Use of younger name conserved (Art. 23.9.2)	this paper
CURCULIONIDAE	MESOPTILIINAE Lacordaire, 1863	SCARDAMYCTINAE Gistel, 1848	Use of younger name conserved (Art. 35.5)	this paper
CURCULIONIDAE	NAUPACTINI Gistel, 1848	IPHIINI Schönherr, 1823	Use of younger name conserved (Art. 23.9.2)	this paper
CURCULIONIDAE	SMICRONYCHINI Seidlitz, 1891	DESMORINI LeConte, 1876	Use of younger name conserved (Art. 23.9.2)	this paper
CURCULIONIDAE	TONESIINA Alonso-Zarazaga and Lyal	LYTERIINA Lacordaire, 1865	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
CURCULIONIDAE	ZYGOBARIDINA Pierce, 1907	CENTRININA Jekel, 1865	Use of younger name conserved because the older name is a junior homonym	Alonso-Zarazaga and Lyal (1999)

Family	Change from:	Change to:	Action	Reference
DASCILLOIDEA	DASCILLOIDEA/-IDAE/-INAE/-INI Guérin-Ménéville, 1843	ATOPOIDEA/-IDAE/-INAE/-INI Laporte, 1834	Use of younger name conserved (Art. 40.2)	Lawrence and Newton (1995)
DASCILLOIDEA	DASCILLOIDEA Guérin-Ménéville, 1843	RHIPICEROIDEA Latreille, 1834	Use of younger name conserved because relationships between DASCILLOIDAE and RHIPICERIDAE are uncertain	
DERODONTOIDEA	DERODONTOIDEA LeConte, 1861	NOSODENDROIDEA Erichson, 1846	Use of younger name conserved (Art. 35.5)	this paper
DRYOPIDAE	DRYOPIDAE Billberg, 1820	PARNIDAE Leach, 1817	Use of younger name conserved (Art. 40.2)	Lawrence and Newton (1995)
ELATERIDAE	AGRYPNINAE/-INI Candèze, 1857	ADELOCERINAE/-INI Gistel, 1848	Use of younger name conserved (Art. 23.9.2)	this paper
ELATERIDAE	AGRYPNINAE/-INI Candèze, 1857	PANGAURINAE/-INI Gistel, 1856	Use of younger name conserved (Art. 23.9.2)	this paper
ELATERIDAE	AGRYPNINAE Candèze, 1857	OOPHORINAE GISTEL, 1848	Use of younger name conserved (Art. 35.5)	this paper
ELATERIDAE	DENTICOLLINAE/-INI/-INA Stein and Weise, 1877	CAMPYLINAE/-INI/-INA Gistel, 1848	Use of younger name conserved (Art. 40.2)	this paper
ELATERIDAE	HYPNOIDINI Schwarz, 1906	CRYPTOHYPNINI Candèze, 1860	Use of younger name conserved (Art. 40.2)	this paper
ELATERIDAE	MELANOTINI Candèze, 1859	CRATONYCHINI Gistel, 1848	Use of younger name conserved (Art. 40.2)	Sánchez-Ruiz (1996)
ELATERIDAE	PROSTERNINI Gistel, 1856	DIACANTHINI Gistel, 1848	Use of younger name conserved (Art. 23.9.2)	this paper
ELATERIDAE	THYLACOSTERNINAE Fleutiaux, 1920	PTEROTARSINAE Fleutiaux, 1902	An application to the Commission will be submitted by J. Muona and H. Silfverberg (pers. comm. 2010) to conserve usage of the well- established name THYLACOSTERNINAE Fleutiaux, 1920	
ELATEROIDEA/-IDAE	ELATEROIDEA/-IDAE Leach, 1815	CEBRIONOIDEA/-IDAE Latreille, 1802	An application to the Commission will be sent to conserve usage of the well-established names ELATEROIDEA/-IDAE Leach, 1815	P. J. Johnson (in Lawrence and Newton 1995, pers. comm. 2009)



Family	Change from:	Change to:	Action	Reference
EROTYLIDAE	ENCAUSTINI Crotch, 1876	ENGIDINI MacLeay, 1825	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
EUCNEMIDAE	EUCNEMIDAE Eschscholtz, 1829	MELASIDAE Fleming, 1821	An application to the Commission has been sent to conserve usage of the well-established name EUCNEMIDAE Fleming, 1821	see Appendix 6
GYRINIDAE	ENHYDRINI Régimbart, 1882	DINEUTINI DESMAREST, 1851	Use of younger name conserved (Art. 35.5)	this paper
HYDROPHILIDAE	COELOSTOMATINI Heyden, 1891	CYCLONOTINI Horn, 1890	Use of younger name conserved (Art. 40.2)	Hansen (1991)
HYGROBIIDAE	HYGROBIIDAE Régimbart, 1879	PELOBIINAE Erichson, 1837	Use of younger name conserved (Art. 40.2)	Lawrence and Newton (1995)
LATRIDIIDAE	LATRIDIIDAE Erichson, 1842	CORTICARIIDAE Curtis, 1829	An application to the Commission was submitted by Bousquet et al. (2010) to conserve usage of the well-established name LATRIDIIDAE Erichson, 1842	
LEIODIDAE	CATOPOCERINAE/-INI Hatch, 1927	PINODYTTINAE/-INI Horn, 1880	Use of younger name conserved (Art. 40.2)	Newton and Thayer (1992)
LEIODIDAE	COLONINAE Horn, 1880	MYLOECHINAE Thomson, 1859	Use of younger name conserved (Art. 40.2)	Newton and Thayer (1992)
LEIODIDAE	LEPTODIRINI/-INA Lacordaire, 1854	STAGOBIIINI/-INA Schiødte, 1849	Use of younger name conserved (Art. 40.2)	Newton and Thayer (1992)
LEPICEROIDEA	LEPICEROIDEA/-IDAE Hinton, 1936	CYATHOCEROIDEA/-IDAE Sharp, 1882	Use of younger name conserved (Art. 40.2)	Lawrence and Newton (1995)
LYMEXYLOIDEA	LYMEXYLOIDEA/-IDAE Fleming, 1821	HYLECOETOIDEA/-IDAE Germar, 1818	Use of younger name conserved (Art. 35.5)	this paper
MELANDRYIDAE	OSPHYINAE Mulsant, 1856	NOTHINAE Shuckard, 1839	Use of younger name conserved (Art. 40.2)	Lawrence and Newton (1995)



Family	Change from:	Change to:	Action	Reference
MELOIDAE	EPICAUTINI Parker and Böving, 1924	MACROBASINI LeConte, 1862	An application to the Commission is needed to conserve usage of the well-established name EPICAUTINI Parker and Böving, 1924	
MELOIDAE	EPICAUTINI Parker and Böving, 1924	APTEROSPASTINI Wellman, 1910	An application to the Commission is needed to conserve usage of the well-established name EPICAUTINI Parker and Böving, 1924	
MELOIDAE	LYTTINI Solier, 1851	CANTHARINI Latreille, 1802	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
MELOIDAE	MELOIDAE Gyllenhal, 1810	HORIIDAE Latreille, 1802	Younger name given precedence over older name and placed on the Official List of Family-Group Names in Zoology	ICZN (1999c)
MELOIDAE	MELOIDAE/-INAE Gyllenhal, 1810	CANTHARIDAE/-INAE Latreille, 1802	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
MELOIDAE	NEMOGNATHINAE Laporte, 1840	HORIINAE Latreille, 1802	Younger name given precedence over older name and placed on the Official List of Family-Group Names in Zoology	ICZN (1999c)
NEMONYCHIDAE	NEMONYCHIDAE Bedel, 1882	CIMBERIDIDAE Gozis, 1882	Younger name given precedence over older name and placed on the Official List of Family-Group Names in Zoology	ICZN (2005c)
OEDEMERIDAE	CALOPODINAE Costa, 1852	SPAREDRINAE Gistel, 1848	Use of younger name conserved (Art. 23.9.2)	this paper
PSEPHENIDAE	PLACONYCHINAE Horn, 1880	EUBRIANACINAE Jakobson, 1913	Use of younger name conserved (Art. 40.2)	Lawrence and Newton (1995)
PTILIIDAE	ACROTRICHINAE Reitter, 1909	CLEOPTERIINAE Gistel, 1856	Use of younger name conserved (Art. 40.2)	Newton and Thayer (1992)
PTILIIDAE	PTINELLINI Reitter, 1906	NEUGLENINI Reitter, 1891	Use of younger name conserved (Art. 40.2)	this paper
PTILODACTYLIDAE	ANCHYTARSINAE Champion, 1897	COLOBODERINAE Erichson, 1847	An application to the Commission is needed to conserve usage of the well-established name ANCHYTARSINAE Champion, 1897	

Family	Change from:	Change to:	Action	Reference
RIPIPHORIDAE	MACROSIAGONINI Heyden, 1908	RIPIPHORINI Laporte, 1840	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
RIPIPHORIDAE	RIPIPHORIDAE/-INAE/-INI Gemminger, 1870	MYODITIDAE/-INAE/-INI Gerstaecker, 1855	Use of younger name conserved (Art. 40.2)	Lawrence and Newton (1995)
SCARABAEIDAE	ANOMALINI/-INA Streubel, 1839	EUCHLORINI/-INA Hope, 1839	Use of younger name conserved (Art. 23.9.2)	Smith (2006)
SCARABAEIDAE	CREMASTOCHEILINI Burmeister and Schaum, 1841	MACROMINI Burmeister and Schaum, 1840	Use of younger name conserved (Art. 35.5)	Smith (2006)
SCARABAEIDAE	EUPARIINI Schmidt, 1910	ATAENIINI Harold, 1868	Use of younger name conserved (Art. 23.9.2)	Smith (2006)
SCARABAEIDAE	HETEROSTERNINA Bates, 1888	MACROPNINA Horn, 1867	Use of younger name conserved (Art. 23.9.2)	Smith (2006)
SCARABAEIDAE	ONITICELLINI Kolbe, 1905	DREPANOCERINA van Lansberge, 1875	Use of younger name conserved (Art. 35.5)	Smith (2006)
SCHIZOPHOROIDEA	SCHIZOPHOROIDEA Ponomarenko, 1968	SCHIZOCOLEOIDEA Rohdendorf, 1961	Use of younger name conserved (Art. 35.5)	this paper
SPHINDIDAE	SPHINDIDAE/-INAE Jacquelin Du Val, 1860	ASPIDIPHORIDAE/-INAE Kiesenwetter, 1877 (1859)	Ruled under the plenary power that the younger name is to be given precedence over the older name	ICZN (1997)
STAPHYLINIDAE	ASTENINA Hatch, 1857	SUNIINA Sharp, 1886	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
STAPHYLINIDAE	ATHETINI/-INA Casey, 1910	CALLICERINI Jakobson, 1908	An application to the Commission was submitted by Gusarov to conserve usage of the well-established names <i>ATHETINI</i> / <i>-INA</i> Casey, 1910	
STAPHYLINIDAE	DOLICAONINA Casey, 1905	GNATHYMENINA Solier, 1849	An application to the Commission is needed to conserve usage of the well-established name <i>DOLICAONINA</i> Casey, 1905	
STAPHYLINIDAE	EUSPHALERINI Hatch, 1957	ANTHOBIINI Portevin, 1929	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
STAPHYLINIDAE	GONIACERITAE/-INI Reitter, 1882	GONIASTITAE/-INI Schaufuss, 1872	Use of younger name conserved (Art. 40.2)	Newton and Thayer (1992)

Family	Change from:	Change to:	Action	Reference
STAPHYLINIDAE	XANTHOLININI Erichson, 1839	AGRODINI Nordmann, 1837	Younger name given precedence over older names and placed on the Official List of Family-Group Names in Zoology	ICZN (1996c)
STAPHYLINIDAE	XANTHOLININI Erichson, 1839	GYROHYPNINI Kirby, 1837	Younger name given precedence over older names and placed on the Official List of Family-Group Names in Zoology	ICZN (1996c)
STAPHYLINIDAE	XANTHOPYGINA Sharp, 1884	PLATYCNEMINA Nordmann 1837	Younger name given precedence over older name and placed on the Official List of Family-Group Names in Zoology	ICZN (1996c)
TENEBRIONIDAE	ADELININA LeConte, 1862	ALPHITOPHAGINA Gistel, 1856	An application to the Commission is needed to conserve usage of the well-established name ADELININA LeConte, 1862	
TENEBRIONIDAE	ADESMIINI Lacordaire, 1859	MEGAGENIINI Solier, 1851	Use of younger name conserved (Art. 23.9.2)	Bouchard et al. (2007)
TENEBRIONIDAE	ADESMIINI Lacordaire, 1859	MACROPODINI Agassiz, 1846	Use of younger name conserved (Art. 23.9.2)	this paper
TENEBRIONIDAE	ALLECULINAE Laporte, 1841	CTENIOPODINAE Solier, 1835	Use of younger name conserved (Art. 35.5)	Bouchard et al. (2005)
TENEBRIONIDAE	ALLECULINAE/-INI Laporte, 1840	XYSTROPODINAE/-INI Solier, 1835	Use of younger name conserved (Art. 35.5)	Bouchard et al. (2005)
TENEBRIONIDAE	BOLITOPHAGINI Kirby, 1837	ELEDONINI Billberg, 1820	Use of younger name conserved (Art. 23.9.2)	this paper
TENEBRIONIDAE	CRYPTOGLOSSINI LeConte, 1862	CENTRIOPTERINI Lacordaire, 1859	Use of younger name conserved (Art. 23.9.2)	Aalbu (2006)
TENEBRIONIDAE	EPITRAGINI Blanchard, 1845	LYGOPHILINI Rafinesque, 1815	Use of younger name conserved (Art. 23.9.2)	Bouchard et al. (2007)
TENEBRIONIDAE	ERODIINI Billberg, 1820	CEPHACERINI Rafinesque, 1815	Use of younger name conserved (Art. 23.9.2)	Bouchard et al. (2007)
TENEBRIONIDAE	LAGRIINAE Latreille, 1825	COSSYPHINAE Latreille, 1802	Use of younger name conserved because placement of older taxon uncertain	Bouchard et al. (2005)
TENEBRIONIDAE	LAGRIINAE/-INI/-INA Latreille, 1825	LACHNINAE/-INI/-INA Billberg, 1820	Use of younger name conserved (Art. 40.2)	Bouchard et al. (2005)

Family	Change from:	Change to:	Action	Reference
TENEBRIONIDAE	MELANITIMINI Seidlitz, 1894	MICROZOINI Mulsant, 1854	Use of younger name conserved (Art. 40.2)	Bouchard et al. (2005)
TENEBRIONIDAE	PYCNO CERINI Lacordaire, 1859	CHIROSCELINI Laporte, 1840	Use of younger name conserved (Art. 23.9.2)	Bouchard et al. (2005)
TENEBRIONIDAE	STENOSINI Lacordaire, 1859	TAGENINI Solier, 1834	Use of younger name conserved (Art. 40.2)	Bouchard et al. (2005)
TENEBRIONIDAE	TALANINI Champion, 1887	DIGNAMPTINI LeConte and Horn, 1883	Use of younger name conserved (Art. 40.2)	Bouchard et al. (2005)
THROSCIDAE	THROSCIDAE Laporte, 1840	STEREOLIDAE Rafinesque, 1815	Use of younger name conserved (Art. 23.9.2)	this paper
TROGOSSITIDAE	LOPHOCATERINI Crowson, 1964	LYCOPTINI Casey, 1890	Use of younger name conserved (Art. 23.9.2)	this paper
ZOPHERIDAE	ZOPHERIDAE Solier, 1834	COLYDIIDAE Billberg, 1820	Use of younger name conserved (Art. 35.5)	this paper

### Appendix 3

Coleoptera family-group name changes required based on the Principle of Homonymy. The action that has been taken to fix the problem, or recommendation for future work, is mentioned for each case. Cases listed in alphabetical order by family.

Family	Coleoptera name:	Homonym:	Type genera	Action	Reference
ANTHICIDAE	NOTOXINAE Stephens, 1829	NOTOXINI Sturm, 1826 [Coleoptera: CLERIDAE]	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
ANTHICIDAE	STEROPINAE Jacquelin du Val, 1863	STEROPINAE Dana, 1854 [Copepoda]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
ANTHRIBIDAE	APOLECTINI Lacordaire, 1865	APOLECTIDAE Jordan, 1923	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
ANTHRIBIDAE	EUPARIINI Valentine, 1960	EUPARIINA Schmidt, 1910 [Coleoptera: SCARABAEIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
ATTELABIDAE	ANISONYCHINA Legalov, 2003	ANISONYCHIDAE Burmeister, 1844 [Coleoptera: SCARABAEIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
BRACHYCERIDAE	AONYCHINI Zimmerman, 1993	AONYCHINI Davis, 1978 [Mammalia]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
BRACHYCERIDAE	BROTHEINI Marshall, 1907	BROTHEINAE Simon, 1879 [Arachnida]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
BUPRESTIDAE	ANAGLYPTINA Gistel, 1848	ANAGLYPTINI Lacordaire, 1868 [Coleoptera: CERAMBYCIDAE]	different	Older name treated as a <i>nomen oblitum</i> (Art. 23.9.2)	Bousquet et al. (2009)
CANTHARIDAE	CANTHARIDAE Imhoff, 1856	CANTHARIDAE Latreille, 1802	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	



Family	Coleoptera name:	Homonym:	Type genera	Action	Reference
CARABIDAE	AGONIDAE Kirby, 1837	AGONIDAE Swainson, 1839 [Pisces]	different	Stem of beetle name emended and AGONIUMIDAE Kirby, 1837 placed on the Official List of Family-Group Names in Zoology	ICZN (1996d)
CARABIDAE	AMBLYTELINI Blackburn, 1892	AMBLYTELINAE Viereck, 1918 [Hymenoptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CARABIDAE	ARTHROPTERINI Wasmann, 1928	ARTHROPTERIDAE Jordan, 1923 [Pisces]	same, Coleoptera genus older	An application to the Commission is needed to conserve the Coleoptera name	
CARABIDAE	BRADYBAENINA Csiki, 1932	BRADYBAENIDAE Pilsbry, 1939 [Mollusca]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CARABIDAE	COLPODINI Chaudoir, 1872	COLPODIDAE Poche, 1913 [Protista]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CARABIDAE	GRANIGERINA Antoine, 1959 [CARABIDAE: HARPALINAE]	GRANIGERINI Bedel, 1900 [CARABIDAE: TRECHINAE]	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
CARABIDAE	NOMIINI Gozis, 1875	NOMIDAE Robertson, 1904 [Hymenoptera]	different	An application was submitted to the Commission to emend the stem of the beetle family-group name	Engel and Bouchard (2009)
CERAMBYCIDAE	ANAGLYPTINI Lacordaire, 1868	ANAGLYPTINA Gistel, 1848 [Coleoptera: BUPRESTIDAE]	different	Older name treated as a <i>nomen oblitum</i> (Art. 23.9.2)	Bousquet et al. (2009)
CERAMBYCIDAE	COMPSINA Martins and Galileo, 2007	COMPSINI Pierce, 1913 [Coleoptera: CURCULIONIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CERAMBYCIDAE	DRYOBINI Arnett, 1962	DRYOBINI Gistel, 1856 [Coleoptera: PTINIDAE]	different	Older name treated as a <i>nomen oblitum</i>	Bousquet et al. (2009)
CERAMBYCIDAE	LISSONOTINI Swainson, 1840	LISSONOTINI Förster, 1869 [Hymenoptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CERAMBYCIDAE	PLATYSTERNINI Lacordaire, 1872	PLATYSTERNIDAE Gray, 1869 [Reptilia]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	



Family	Coleoptera name:	Homonym:	Type genera	Action	Reference
CERAMBYCIDAE	POLYARTHRIINI Gounelle, 1911	POLYARTHRIDAE Daday, 1893 [Rotifera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CERAMBYCIDAE	SPHAERIINI Lacordaire, 1868	SPHAERUIDAE Deshayes, 1855 [Mollusca]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CERAMBYCIDAE	SPHAERIINI Lacordaire, 1868	SPHAERUIDAE Erichson, 1845 [Coleoptera: MYXOPHAGA]	different	Stem of older beetle name emended and SPHAERIUSIDAE Erichson, 1845 placed on the Official List of Family-Group Names in Zoology	ICZN (2000)
CERAMBYCIDAE	STENOCORINI Thomson, 1861 [CERAMBYCIDAE: LEPTURINAE]	STENOCORINI Hope, 1834 [CERAMBYCIDAE: CERAMBYCINAE]	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
CERAMBYCIDAE	STENODERINI Pascoe, 1867	STENODERINI Selander, 1991 [Coleoptera: MELOIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CERAMBYCIDAE	STENODONTINI Lameere, 1903	STENODONTINA Schmiedeknecht, 1903 [Hymenoptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CERAMBYCIDAE	TOXOTINI LeConte and Horn, 1883	TOXOTIDAE Günther, 1860 [Pisces]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CHAETOSOMATIDAE	CHAETOSOMATIDAE Crowson, 1952	CHAETOSOMATIDAE Claus, 1872 [Nematoda]	same, Coleoptera genus older	An application to the Commission was submitted by YB and PB to conserve the Coleoptera name	
CHRYSOMELIDAE	CARPOPHAGINI Chapuis, 1874	CARPOPHAGINAE Selby, 1835 [Aves]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CHRYSOMELIDAE	CHALEPINI Weise, 1910 [CHRYSOMELIDAE: CASSIDINAE]	CHALEPIDAE Burmeister, 1847 [SCARABAEIDAE: DYNASTINAE]	same, SCARABAEIDAE name older	An application to the Commission is needed to conserve usage of the well established CHRYSOMELIDAE name	
CHRYSOMELIDAE	OREININI Bechyné, 1958	OREININI Bleeker, 1863 [Pisces]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	

Family	Coleoptera name:	Homonym:	Type genera	Action	Reference
CHRYSOMELIDAE	MEGACERINI Bridwell, 1946	MEGACERINI Viret, 1961 [Mammalia]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CHRYSOMELIDAE	SPERMOPHAGINA Borowiec, 1987 [CHRYSOMELIDAE: BRUCHINAE: AMBLYCERINI: AMBLYCERINA] SPERMOPHAGINA]	SPERMOPHAGINA Crotch, 1873 [CHRYSOMELIDAE: BRUCHINAE: AMBLYCERINI: AMBLYCERINA]	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
CHRYSOMELIDAE	SPILOPHORINI Chapuis, 1875 [CHRYSOMELIDAE: CASSIDINAE]	SPILOPHORINA Krikken, 1984 [Coleoptera: SCARABAEIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CLERIDAE	TRICHODINI Portevin, 1931	TRICHODINA Maitland, 1851 [Protozoa]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CRYPTOPHAGIDAE	IPINI Latreille, 1802 [CRYPTOPHAGIDAE: CRYPTOPHAGINAE: CRYPTOPHAGINI]	IPINI Bedel, 1888 [CURCULIONIDAE: SCOLYTINAE]	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
CURCULIONIDAE	CENTRININA Jekel, 1865	CENTRININAE Swainson, 1839 [Pisces]	different	The younger name ZYGOBARIDINA is used as valid instead of CENTRININA	Alonso-Zarazaga and Lyal (1999)
CURCULIONIDAE	COMPSINI Pierce, 1913	COMPSINA Martins and Galileo, 2007 [Coleoptera: CERAMBYCIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CURCULIONIDAE	CONODERINAE Schönherr, 1833	CONODERINI Fleutiaux, 1919 [Coleoptera: ELATERIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CURCULIONIDAE	EUDERINI Lacordaire, 1865	EUDERINI Erdős, 1956 [Hymenoptera]	different	A junior synonym is used as valid instead of EUDERINI in Hymenoptera	Hansson and Straka (2009)
CURCULIONIDAE	HAPLONYCHINI Lacordaire, 1865	HAPLONYCHIDAE Burmeister, 1855 [Coleoptera: SCARABAEIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	

Family	Coleoptera name:	Homonym:	Type genera	Action	Reference
CURCULIONIDAE	IPINI Bedel, 1888 [CURCULIONIDAE: SCOLYTINAE]	IPINI Latreille, 1802 [CRYPTOPHAGIDAE: CRYPTOPHAGINAE: CRYPTOPHAGINI]	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
CURCULIONIDAE	OMIINI Shuckard, 1839	OMIINI Beck, 1996 [Lepidoptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CURCULIONIDAE	PHAENOMERINA Faust, 1898	PHAENOMERINI Erichson, 1847 [Coleoptera: SCARABAEIDAE]	different	Stem of SCARABAEIDAE name emended and PHAENOMERIDIDAE (with incorrect author and year “Ohaus, 1913”) placed on the Official List of Family-Group Names in Zoology	ICZN (1962)
CURCULIONIDAE	RHYNCHAEENINI Blanchard, 1853	RHYNCHAEENINI Latreille, 1828	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
CURCULIONIDAE	TOMICINI Wood, 1978 [CURCULIONIDAE: SCOLYTINAE: HYLURGINI]	TOMICINI Shuckard, 1839 [CURCULIONIDAE: SCOLYTINAE: IPINI]	same, older name based on misidentified type genus	An application to be submitted to the Commission by MAAZ and CHCL to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
CURCULIONIDAE	TRYPETINI Lacordaire, 1865	TRYPETIDAE Loew, 1861 [Diptera]	different	Stem of beetle name emended and TRYPETIDINAE (with incorrect author and year “Pierce, 1919”) placed on the Official List of Family-Group Names in Zoology	ICZN (1974a)
ELATERIDAE	CONODERINI Fleutiaux, 1919	CONODERINAE Schönherr, 1833 [Coleoptera: CURCULIONIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
ELATERIDAE	DRASTERIINI Houlbert, 1912	DRASTERIINI Wiltshire, 1976 [Lepidoptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
ELATERIDAE	LUDIINI Candèze, 1857	LUDIINI Aurivilius, 1904 [Lepidoptera]	different	The Lepidoptera name was replaced by MICRAGONINI Cockerell, 1914	Oberprieler (1997)

Family	Coleoptera name:	Homonym:	Type genera	Action	Reference
ELATEROIDEA	CANTHARIDAE Imhoff, 1856	CANTHARIDAE Latreille, 1802	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
ELMIDAE	LARINI LeConte, 1861	LARIDAE Rafinesque-Schmaltz, 1815 [Aves]	different	Stem of beetle name emended and LARAINI LeConte, 1861 placed on the Official List of Family-Group Names in Zoology	ICZN (1988g)
GYRINIDAE	ENHYDRINI Régimbart, 1882	ENHYDRINI Gray, 1825	different	An application was recently submitted to the Commission by Özdikmen and Darilmaz (2010) to remove the homonymy	
HELOTIDAE	HELOTIDAE Chapuis, 1876	HELOTIDAE Adams et al., 1854 [Pisces]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
HYDROPHILIDAE	HYDROBIINA Mulsant, 1844	HYDROBIIDAE Troschel 1857 [Mollusca]	different	Stem of beetle name emended and HYDROBIUSINA Mulsant, 1844 placed on the Official List of Family-Group Names in Zoology	ICZN (2003a)
LAMPYRIDAE	PHOTININI LeConte, 1881	PHOTININAE Giglio-Tos, 1915 [Mantodea]	different	An application to the Commission was submitted by Svenson and Branham (2007) to remove the homonymy (Art. 55.3.1)	
LEIODIDAE	ANISOTOMIDAE Reitter, 1884 [LEIODINAE: AGATHIDIINI]	ANISOTOMIDAE Erichson, 1845 [LEIODINAE: LEIODINI]	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
LEIODIDAE	TRIARTHRIINI Jeannel, 1962	TRIARTHRIDAE Ulrich, 1930 [Trilobita]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
MELOIDAE	LYDINA Kaszab, 1959	LYDIDAE Newman, 1834 [Hymenoptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
MELOIDAE	STENODERINI Selander, 1991	STENODERINI Pascoe, 1867 [Coleoptera: CERAMBYCIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	

Family	Coleoptera name:	Homonym:	Type genera	Action	Reference
MELOIDAE	ZONITINA Mulsant, 1857	ZONITIDAE Mörch, 1864 [Mollusca]	different	Stem of beetle name emended and ZONITIDINAE Mulsant, 1857 placed on the Official List of Family-Group Names in Zoology	ICZN (1999c)
PLASTOCERIDAE	PLASTOCERIDAE Crowson, 1972	PLASTOCERINI LeConte, 1861 [Coleoptera: ELATERIDAE]	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
PRIONOCERIDAE	PRIONOCERIDAE Lacordaire, 1857	PRIONOCERINI Savchenko, 1966 [Diptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
PTINIDAE	DRYOBIIINI Gistel, 1856	DRYOBIIINI Arnett, 1962 [Coleoptera: CERAMBYCIDAE]	different	Older name treated as a <i>nomen oblitum</i> (Art. 23.9.2)	Bousquet et al. (2009)
RIPIPHORIDAE	RIPIPHORIDAE/-INAE/-INI Gemminger, 1870 [RIPIPHORIDAE: RIPIPHORINAE: RIPIPHORINAE: RIPIPHORINI]	RIPIPHORIDAE/-INAE/-INI Laporte, 1840 [RIPIPHORIDAE: RIPIPHORINAE: MACROSIAGONINI]	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
SALPINGIDAE	ELACATIDAE Cockerell, 1906	ELACATINAE Gill, 1861 [Pisces]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
SCARABAEIDAE	ANISONYCHIDAE Burmeister, 1844	ANISONYCHINI Legalov, 2003 [Coleoptera: ATTELABIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
SCARABAEIDAE	CHALEPIDAE BURMEISTER, 1847 [SCARABAEIDAE: DYNASTINAE]	CHALEPINI Weise, 1910 [CHRY SOMELIDAE: CASSIDINAE]	same, SCARABAEIDAE name older	An application to the Commission is needed to conserve usage of the well established name in CHRY SOMELIDAE	
SCARABAEIDAE	CRYPTODONTINA Lacordaire, 1856	CRYPTODONTIDAE Dall, 1895 [Mollusca]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
SCARABAEIDAE	EUCHROEINA Paulian and Descarpentries, 1982	EUCHROEIDAE Dahlbom, 1854 [Hymenoptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	

Family	Coleoptera name:	Homonym:	Type genera	Action	Reference
SCARABAEIDAE	EUPARIINA Schmidt, 1910	EUPARIINI Valentine, 1960 [Coleoptera: ANTHRIBIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
SCARABAEIDAE	HAPLONYCHIDAE Burmeister, 1855	HAPLONYCHINI Lacordaire, 1865 [Coleoptera: CURCULIONIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
SCARABAEIDAE	MACROPHYLLINA Burmeister, 1855	MACROPHYLLINA Gray, 1866 [Mammalia]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
SCARABAEIDAE	PHAENOMERINI Erichson, 1847	PHAENOMERINA Faust, 1898 [Coleoptera: CURCULIONIDAE]	different	Stem of SCARABAEIDAE name emended and PHAENOMERIDINI Ohaus, 1913 [in error for Erichson, 1847] placed on the Official List of Family-Group Names in Zoology	ICZN (1962)
SCARABAEIDAE	SPIOPHORINA Krikken, 1984	SPIOPHORINI Chapuis, 1875 [Coleoptera: CHRYSOMELIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
SCARABAEIDAE	TRICHIINI Fleming, 1821	TRICHIINAE Lozek, 1956 [Mollusca]	different	The mollusc name was placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology	ICZN (2004c)
SCARABAEIDAE	TRIGONOSTOMINA Ohaus, 1912	TRIGONOSTOMIDAE Graff, 1905 [Platyhelminthes]	different	Stem of beetle name emended and TRIGONOSTOMUSINA Ohaus, 1912 placed on the Official List of Family-Group Names in Zoology	ICZN (2009b)
SPHAERIUSIDAE	SPHAERIIDAE Erichson, 1845	SPHAERIINI Lacordaire, 1868 [Coleoptera: CERAMBYCIDAE] and SPHAERIIDAE Deshayes, 1855 [Mollusca]	different	Stem of older beetle name emended and SPHAERIUSIDAE Erichson, 1845 placed on the Official List of Family-Group Names in Zoology	ICZN (2000)
STAPHYLINIDAE	CALLICERINA Jakobson, 1908	CALLICERINA Rondani, 1856 [Diptera]	different	An application to the Commission was recently submitted by Gusarov to suppress the Coleoptera name	
STAPHYLINIDAE	METOPINI Raffray, 1904	METOPINAE Foerster, 1869 [Hymenoptera]	different	Stem of beetle name emended and METOPIASINI Raffray, 1904 placed on the Official List of Family-Group Names in Zoology	ICZN (1994d)



Family	Coleoptera name:	Homonym:	Type genera	Action	Reference
STAPHYLINIDAE	TACHINIDAE Fleming, 1821	TACHINIDAE Robineau-Desvoidy, 1830 [Diptera]	different	Stem of beetle name emended and TACHINUSIDAE Fleming, 1821 placed on the Official List of Family-Group Names in Zoology	ICZN (1993f)
STAPHYLINIDAE	TOXODERINI Bernhauer and Schubert, 1911	TOXODERINI Saussure, 1869 [Mantodea]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
TENEBRIONIDAE	ADELINI Kirby, 1828	ADELINI Viereck, 1918 [Hymenoptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
TENEBRIONIDAE	LACHNINI Billberg, 1820	LACHNINI Herrich-Schaeffer 1854 [Hemiptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
TENEBRIONIDAE	MACROPODINI Agassiz, 1846	MACROPODIDAE Gray, 1821 [Mammalia]	different	Beetle name treated as a <i>nomen oblitum</i> (Art. 23.9.2)	this paper
TENEBRIONIDAE	PENTAPHYLLINI Mulsant, 1854	PENTAPHYLLINAE Schindewolf, 1942 [Anthozoa]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	

## Appendix 4

COLEOPTERA names as they appear on the *Official List of Family-Group Names in Zoology*. Cases listed in alphabetical order by family. Names on the *Official List* with the symbol “°” differ from those presented in our catalogue (spelling, authorship and/or year of publication).

Family	Name on <i>Official List</i>	Opinion(s) or Direction	Reference
ADERIDAE	°ADERIDAE Winkler, 1927	1549	ICZN 1989e
ADERIDAE	EUGLENESIDAE Seidlitz, 1875	1549	ICZN 1989e
ANTHRIBIDAE	ANTHRIBIDAE Billberg, 1820	1756	ICZN 1994b
ANTHRIBIDAE	CHORAGIDAE Kirby, 1819	1756	ICZN 1994b
BRENTIDAE	°EURHININI Lacordaire, 1866	1352	ICZN 1985e
BRENTIDAE	EURHYNCHINAE Lacordaire, 1863	1352	ICZN 1985e
BUPRESTIDAE	TRACHEIDAE Laporte, 1835	2222	ICZN 2009a
CARABIDAE	AGONUMIDAE Kirby, 1837	1855	ICZN 1996d
CARABIDAE	DROMIUSIDAE Bonelli, 1810	2149	ICZN 2006b
CARABIDAE	°GALERITINI Lacordaire, 1854	862	ICZN 1968b
CERYLONIDAE	CERYLONIDAE Billberg, 1820	1811	ICZN 1995c
CHRYSOMELIDAE	BRUCHIDAE Latreille, 1802	1809	ICZN 1995a
CHRYSOMELIDAE	°CASSIDINAE Stephens, 1831	1023	ICZN 1974b
CHRYSOMELIDAE	°UROPLATINI Leng, 1920	1359	ICZN 1985f
CURCULIONIDAE	°BRACHYDERINAE Schönherr, 1837	1440	ICZN 1987a
CURCULIONIDAE	CRYPTORHYNCHINAE Schönherr, 1825	808	ICZN 1967b
CURCULIONIDAE	OTIORHYNCHINAE Schönherr, 1826	982	ICZN 1972
CURCULIONIDAE	PACHYRHYNCHINI Schönherr, 1826	928	ICZN 1970b
CURCULIONIDAE	PHAENOMERINA Faust, 1898	621	ICZN 1962
CURCULIONIDAE	PHYLLOBIINI Schönherr, 1826	1179	ICZN 1981c
CURCULIONIDAE	°POLYDROSINI Schönherr, 1823	1179	ICZN 1981c
CURCULIONIDAE	°SCOLYTIDAE Westwood, 1838	683	ICZN 1963b
CURCULIONIDAE	SOMATODINAE Lacordaire, 1863	1770	ICZN 1994c
CURCULIONIDAE	°TRYPETIDINAE Pierce, 1919	1005	ICZN 1974a
DYTISCIDAE	°DYTISCIDAE Leach, 1817	619	ICZN 1961e
ELMIDAE	ELMIDAE Curtis, 1830	1812	ICZN 1995d
ELMIDAE	LARAINI LeConte, 1861	1515	ICZN 1988g
GEOTRUPIDAE	°GEOTRUPINI Latreille, 1806	Direction 28	ICZN 1955c
HYDROPHILIDAE	HYDROBIUSINA Mulsant, 1844	2034	ICZN 2003a
KATERETIDAE	BRACHYPTERINAE Erichson, [1845]	1916	ICZN 1999a
KATERETIDAE	°KATERETIDAE Erichson in Agassiz, [1846]	1916	ICZN 1999a
MELOIDAE	HORIIDAE Latreille, 1802	1918	ICZN 1999b
MELOIDAE	MELOIDAE Gyllenhal, 1810	1918	ICZN 1999b
MELOIDAE	NEMOGNATHINAE Castelnau, 1840	1918	ICZN 1999b
MELOIDAE	ZONITIDINAE Mulsant, 1857	1918	ICZN 1999b
NEMONYCHIDAE	CIMBERIDIDAE Gozis, 1882	2111	ICZN 2005c
NEMONYCHIDAE	NEMONYCHIDAE Bedel, 1882	2111	ICZN 2005c

Family	Name on <i>Official List</i>	Opinion(s) or Direction	Reference
ORSODACNIDAE	AULACOSCELIDINAE Chapuis, 1874	2242	ICZN 2010a
PTINIDAE	PTINIDAE Latreille, 1802	1809	ICZN 1995a
SCARABAEIDAE	°PHAENOMERIDIDAE Ohaus, 1913	621	ICZN 1962
SCARABAEIDAE	TRIGONOSTOMUSINA Ohaus, 1912	2229	ICZN 2009b
SPHAERIUSIDAE	MICROSPORIDAE Crotch, 1873	1331, 1957	ICZN 1985d, 2000
SPHAERIUSIDAE	SPHAERIUSIDAE Erichson, 1845	1957	ICZN 2000
SPHINDIDAE	ASPIDIPHORIDAE Kiesenwetter, 1877	1862	ICZN 1997
SPHINDIDAE	°SPHINDIDAE Jacquelin du Val, [1861]	1862	ICZN 1997
STAPHYLINIDAE	AGRODINI Nordmann, 1837	1851	ICZN 1996c
STAPHYLINIDAE	BOLITOCARINI Thomson, 1859	599	ICZN 1961a
STAPHYLINIDAE	GYROHYPNINI Kirby, 1837	1851	ICZN 1996c
STAPHYLINIDAE	METOPIASINI Raffray, 1904	1772	ICZN 1994d
STAPHYLINIDAE	OXYPODIDES Thomson, 1859	463	ICZN 1957
STAPHYLINIDAE	PLATYCNEMINI Nordmann, 1837	1851	ICZN 1996c
STAPHYLINIDAE	QUEDIINI Kraatz, [1857]	1851	ICZN 1996c
STAPHYLINIDAE	°STAPHYLINIDAE Latreille, [1803-1804]	546	ICZN 1959a
STAPHYLINIDAE	TACHINUSIDAE Fleming, 1821	1743	ICZN 1993f
STAPHYLINIDAE	TACHYPORIDAE MacLeay, 1825	1743	ICZN 1993f
STAPHYLINIDAE	XANTHOLININI Erichson, 1839	1851	ICZN 1996c
ZOPHERIDAE	°COLYDIIDAE Erichson, 1842	1811	ICZN 1995c
ZOPHERIDAE	ORTHOCERINI Blanchard, 1845 (1820)	1811	ICZN 1995c
ZOPHERIDAE	RHOPALOCERINI Reitter, 1911	1397	ICZN 1986b

## Appendix 5

Coleoptera type genus names as they appear on the *Official List of Generic Names in Zoology*. Cases listed in alphabetical order by family.

Family	Name on <i>Official List</i>	Opinion(s)	Reference(s)
ADERIDAE	<i>Aderus</i> Stephens, 1829	1549	ICZN 1989e
ADERIDAE	<i>Euglenes</i> Westwood, 1830	1549	ICZN 1989e
ANTHRIBIDAE	<i>Anthribus</i> Geoffroy, 1762	1754	ICZN 1994a
ANTHRIBIDAE	<i>Mecocerus</i> Schönherr, 1833	982	ICZN 1972
ANTHRIBIDAE	<i>Choragus</i> Kirby, 1819	1756	ICZN 1994b
ATTELABIDAE	<i>Attelabus</i> Linnaeus, 1758	1239	ICZN 1983a
BOSTRICHIDAE	<i>Bostrichus</i> Geoffroy, 1762	1754	ICZN 1994a
BRENTIDAE	<i>Eurhynchus</i> Kirby, in Kirby & Spence, 1828	1352	ICZN 1985
BRENTIDAE	<i>Nanophyes</i> Schönherr, 1838	1526	ICZN 1989b
BUPRESTIDAE	<i>Acmaeodera</i> Eschscholtz, 1829	2100	ICZN 2005b
BUPRESTIDAE	<i>Actenodes</i> Dejean, 1833	2008	ICZN 2002b
BUPRESTIDAE	<i>Anthaxia</i> Eschscholtz, 1829	2009	ICZN 2002c
BUPRESTIDAE	<i>Astraeus</i> Laporte & Gory, 1837	795	ICZN 1966
BUPRESTIDAE	<i>Buprestis</i> Linnaeus, 1758	1784	ICZN 1994e
BUPRESTIDAE	<i>Chrysobothris</i> Eschscholtz, 1829	1784	ICZN 1994e
BUPRESTIDAE	<i>Chrysodema</i> Laporte & Gory, 1835	2076	ICZN 2004b
BUPRESTIDAE	<i>Dicerca</i> Eschscholtz, 1829	1784	ICZN 1994e
BUPRESTIDAE	<i>Iridotaenia</i> Deyrolle, 1864	2076	ICZN 2004b
BUPRESTIDAE	<i>Melanophila</i> Eschscholtz, 1829	1826	ICZN 1996b
BUPRESTIDAE	<i>Nascio</i> Gory & Laporte, 1838	2008	ICZN 2002b
BUPRESTIDAE	<i>Poecilonota</i> Eschscholtz, 1829	1825	ICZN 1996a
BUPRESTIDAE	<i>Trachys</i> Fabricius, 1801	2222	ICZN 2009a
BYRRHIDAE	<i>Byrrhus</i> Linnaeus, 1767	1754	ICZN 1994a
BYRRHIDAE	<i>Simplocaria</i> Stephens, 1829	1323	ICZN 1985c
CARABIDAE	<i>Agonum</i> Bonelli, 1810	1855	ICZN 1996d
CARABIDAE	<i>Carabus</i> Linnaeus, 1758	243	ICZN 1950
CARABIDAE	<i>Dromius</i> Bonelli, 1810	2149	ICZN 2006b
CARABIDAE	<i>Galerita</i> Fabricius, 1801	862	ICZN 1968b
CARABIDAE	<i>Glyptus</i> Brullé, 1835	1299	ICZN 1985a
CARABIDAE	<i>Ophonus</i> Dejean, 1821	1598	ICZN 1990c
CARABIDAE	<i>Tachys</i> Dejean, 1821	1598	ICZN 1990c
CERAMBYCIDAE	<i>Ceroplesis</i> Audinet-Serville, 1835	1407	ICZN 1986
CERAMBYCIDAE	<i>Phymatodes</i> Mulsant, 1839	1525	ICZN 1989a
CERAMBYCIDAE	<i>Prionus</i> Geoffroy, 1762	1754	ICZN 1994a
CERAMBYCIDAE	<i>Saperda</i> Fabricius, 1775	1155	ICZN 1980
CERAMBYCIDAE	<i>Stenocorus</i> Geoffroy, 1762	1754	ICZN 1994a
CERAMBYCIDAE	<i>Tetropium</i> Kirby, 1837	1473	ICZN 1988b
CERYLONIDAE	<i>Cerylon</i> Latreille, 1802	1811	ICZN 1995c
CHRYSOMELIDAE	<i>Altica</i> Geoffroy, 1762	1754	ICZN 1994a
CHRYSOMELIDAE	<i>Bruchus</i> Linnaeus, 1767	1809	ICZN 1995a

Family	Name on <i>Official List</i>	Opinion(s)	Reference(s)
CHRYSOMELIDAE	<i>Cassida</i> Linnaeus, 1758	1023	ICZN 1974b
CHRYSOMELIDAE	<i>Chrysolina</i> Motschulsky, 1860	1279	ICZN 1984c
CHRYSOMELIDAE	<i>Chrysomela</i> Linnaeus, 1758	1279	ICZN 1984c
CHRYSOMELIDAE	<i>Crioceris</i> Geoffroy, 1762	908, 1754	ICZN 1970a, 1994a
CHRYSOMELIDAE	<i>Cryptocephalus</i> Geoffroy, 1762	1754	ICZN 1994a
CHRYSOMELIDAE	<i>Galeruca</i> Geoffroy, 1762	1754	ICZN 1994a
CHRYSOMELIDAE	<i>Lema</i> Fabricius, 1798	908	ICZN 1970a
CHRYSOMELIDAE	<i>Luperus</i> Geoffroy, 1762	1273	ICZN 1984a
CHRYSOMELIDAE	<i>Uroplata</i> Chevrolat, 1835	1359	ICZN 1985
CLERIDAE	<i>Clerus</i> Geoffroy, 1762	1273	ICZN 1984a
CLERIDAE	<i>Korynetes</i> Herbst, (1792)	604	ICZN 1961c
CLERIDAE	<i>Necrobia</i> OLIVIER, 1795	604	ICZN 1961c
CLERIDAE	<i>Notoxus</i> Geoffroy, 1762	1754	ICZN 1994a
CLERIDAE	<i>Trichodes</i> Herbst, 1792	1273	ICZN 1984a
COPRINISPHAERIDAE	<i>Coprinisphaera</i> Sauer, 1955	2211	ICZN 2008b
CRYPTOPHAGIDAE	<i>Cryptophagus</i> Herbst, 1792	1810	ICZN 1995b
CUCUJIDAE	<i>Cucujus</i> Fabricius, 1775	1754	ICZN 1994a
CURCULIONIDAE	<i>Brachyderes</i> Schönherr, 1823	1440	ICZN 1987
CURCULIONIDAE	<i>Ceutorhynchus</i> Germar, 1824	1529	ICZN 1989c
CURCULIONIDAE	<i>Cholus</i> Germar, 1824	1449	ICZN 1987d
CURCULIONIDAE	<i>Coeliodes</i> Schönherr, 1837	1529	ICZN 1989c
CURCULIONIDAE	<i>Cryptorhynchus</i> Illiger, 1807	808	ICZN 1967b
CURCULIONIDAE	<i>Dendroctonus</i> Erichson, 1836	670	ICZN 1963a
CURCULIONIDAE	<i>Dryocoetes</i> Eichhoff, 1864	1145	ICZN 1979b
CURCULIONIDAE	<i>Eurhinus</i> Illiger, 1807	1352	ICZN 1985
CURCULIONIDAE	<i>Geonemus</i> Schönherr, 1833	1493	ICZN 1988d
CURCULIONIDAE	<i>Magdalis</i> Germar, 1817	345	ICZN 1955a
CURCULIONIDAE	<i>Mononychus</i> Germar, 1824	1529	ICZN 1989c
CURCULIONIDAE	<i>Otiorhynchus</i> Germar, 1824	982	ICZN 1972
CURCULIONIDAE	<i>Pachyrhynchus</i> Germar, 1824	928	ICZN 1970b
CURCULIONIDAE	<i>Phaenomerus</i> Schönherr, 1836	621	ICZN 1962
CURCULIONIDAE	<i>Phloeosinus</i> Chapuis, 1869	1167	ICZN 1981a
CURCULIONIDAE	<i>Phloeotribus</i> Latreille, 1796	1144	ICZN 1979a
CURCULIONIDAE	<i>Phyllobius</i> Germar, 1824	1179	ICZN 1981c
CURCULIONIDAE	<i>Phytobius</i> Schönherr, 1833	1968	ICZN 2001
CURCULIONIDAE	<i>Polydrusus</i> Germar, 1817	1179	ICZN 1981c
CURCULIONIDAE	<i>Ptochus</i> Schönherr, 1826	1616	ICZN 1990d
CURCULIONIDAE	<i>Rhinoncus</i> Schönherr, 1825	1529	ICZN 1989c
CURCULIONIDAE	<i>Rhyncolus</i> Germar, 1817	1655	ICZN 1991b
CURCULIONIDAE	<i>Scolytus</i> Geoffroy, 1762	683	ICZN 1963b
CURCULIONIDAE	<i>Somatodes</i> Schönherr, 1840	1770	ICZN 1994c
CURCULIONIDAE	<i>Tomicus</i> Latreille, [1802]	670	ICZN 1963a
CURCULIONIDAE	<i>Tropiphorus</i> Schönherr, 1842	1474	ICZN 1988c
CURCULIONIDAE	<i>Trypetes</i> Schönherr, 1836	1005	ICZN 1974a
CURCULIONIDAE	<i>Xyleborus</i> Eichhoff, 1864	848	ICZN 1968a



Family	Name on <i>Official List</i>	Opinion(s)	Reference(s)
CURCULIONIDAE	<i>Zygops</i> Schönherr, 1825	1450	ICZN 1987e
CYCLAXYRIDAE	<i>Cyclaxyra</i> Broun, 1893	1472	ICZN 1988a
DERMESTIDAE	<i>Anthrenus</i> Geoffroy, 1762	1754	ICZN 1994a
DRYOPHTHORIDAE	<i>Dryophthorus</i> Germar, 1824	1448	ICZN 1987c
DRYOPHTHORIDAE	<i>Rhinostomus</i> Rafinesque, 1815	345	ICZN 1955a
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MELOIDAE	<i>Mylabris</i> Fabricius, 1775	1809	ICZN 1995a
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MELOIDAE	<i>Zonitis</i> Fabricius, 1775	1918	ICZN 1999b
MONOTOMIDAE	<i>Rhizophagus</i> Herbst, 1793	1810	ICZN 1995b
NEMONYCHIDAE	<i>Cimberis</i> Gozis, 1881	2111	ICZN 2005c
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ORSODACNIDAE	<i>Orsodacne</i> Latreille, 1802	1989	ICZN 2002a
PTILIIDAE	<i>Nephanes</i> Thomson, 1859	1307	ICZN 1985b
PTILIIDAE	<i>Ptenidium</i> Erichson, 1845	1277	ICZN 1984b
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PTINIDAE	<i>Dorcatoma</i> Herbst, 1792	1810	ICZN 1995b
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SCARABAEIDAE	<i>Bothynus</i> Hope, 1837	2199	ICZN 2008a
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SCARABAEIDAE	<i>Gymnetis</i> MacLeay, 1819	806	ICZN 1967a
SCARABAEIDAE	<i>Melolontha</i> Fabricius, 1775	1754	ICZN 1994a
SCARABAEIDAE	<i>Osmoderma</i> Lepeletier & Serville, 1828	2186	ICZN 2007
SCARABAEIDAE	<i>Pelidnota</i> MacLeay, 1819	2054	ICZN 2003b
SCARABAEIDAE	<i>Pentodon</i> Hope, 1837	2054	ICZN 2003b
SCARABAEIDAE	<i>Phaenomeris</i> Hope, 1833	621	ICZN 1962
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SPHAERIUSIDAE	<i>Microsporus</i> Kolenati, 1846	1331	ICZN 1985d
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SPHINDIDAE	<i>Sphindus</i> Megerle in Dejean, 1821	1862	ICZN 1997
STAPHYLINIDAE	<i>Tachinus</i> Gravenhorst, 1802	1743	ICZN 1993f
STAPHYLINIDAE	<i>Acrotona</i> Thomson, 1859	600	ICZN 1961b
STAPHYLINIDAE	<i>Agrodes</i> Nordmann, 1837	1851	ICZN 1996c
STAPHYLINIDAE	<i>Anthophagus</i> Gravenhorst, 1802	2084	ICZN 2004d
STAPHYLINIDAE	<i>Atheta</i> Thomson, 1858	600	ICZN 1961b
STAPHYLINIDAE	<i>Baeocera</i> Erichson, 1845	1221	ICZN 1982
STAPHYLINIDAE	<i>Bolitochara</i> Mannerheim, 1831	599	ICZN 1961a
STAPHYLINIDAE	<i>Bryaxis</i> Kugelann, 1794	887	ICZN 1969b
STAPHYLINIDAE	<i>Bythinus</i> Leach, 1817	887	ICZN 1969b
STAPHYLINIDAE	<i>Coprophilus</i> Latreille, 1829	1722	ICZN 1993a
STAPHYLINIDAE	<i>Coryphium</i> Stephens, 1834	1597	ICZN 1990b
STAPHYLINIDAE	<i>Creophilus</i> Samouelle, 1819	546	ICZN 1959a

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STAPHYLINIDAE	<i>Geostiba</i> Thomson, 1858	2098	ICZN 2005a
STAPHYLINIDAE	<i>Gyrophypnus</i> Samouelle, 1819	1250	ICZN 1983c
STAPHYLINIDAE	<i>Ischnopoda</i> Stephens, 1835	600	ICZN 1961b
STAPHYLINIDAE	<i>Leptusa</i> Kraatz, 1856	2113	ICZN 2005d
STAPHYLINIDAE	<i>Lesteva</i> Latreille, 1797	2084	ICZN 2004d
STAPHYLINIDAE	<i>Metopias</i> Gory, 1832	1772	ICZN 1994d
STAPHYLINIDAE	<i>Mycetoporus</i> Mannerheim, 1831	1726	ICZN 1993c
STAPHYLINIDAE	<i>Othius</i> Stephens, 1829	1250	ICZN 1983c
STAPHYLINIDAE	<i>Oxypoda</i> Mannerheim, 1831	463	ICZN 1957
STAPHYLINIDAE	<i>Platycnemus</i> Nordmann, 1837	1851	ICZN 1996c
STAPHYLINIDAE	<i>Proteinus</i> Latreille, 1796	876	ICZN 1969a
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STAPHYLINIDAE	<i>Staphylinus</i> Linnaeus, 1758	546	ICZN 1959a
STAPHYLINIDAE	<i>Tachyporus</i> Gravenhorst, 1802	1743	ICZN 1993f
STAPHYLINIDAE	<i>Tachyusa</i> Erichson, 1837	600	ICZN 1961b
STAPHYLINIDAE	<i>Xantholinus</i> Dejean, 1821	1250	ICZN 1983c
STAPHYLINIDAE	<i>Zyras</i> Stephens, 1835	599	ICZN 1961a
TENEBRIONIDAE	<i>Alphitobius</i> Stephens, 1829	1039	ICZN 1975
TENEBRIONIDAE	<i>Diaperis</i> Geoffroy, 1762	1754	ICZN 1994a
TENEBRIONIDAE	<i>Gnatocerus</i> Thunberg, 1814	1039	ICZN 1975
TENEBRIONIDAE	<i>Helops</i> Fabricius, 1775	2237	ICZN 2009d
TENEBRIONIDAE	<i>Phaleria</i> Latreille, [1802]	1039	ICZN 1975
TENEBRIONIDAE	<i>Platyscelis</i> Latreille, 1818	1729	ICZN 1993e
TENEBRIONIDAE	<i>Tentyria</i> Latreille, 1802	2244	ICZN 2010c
TENEBRIONIDAE	<i>Tribolium</i> MacLeay, 1825	1495	ICZN 1988e
TENEBRIONIDAE	<i>Uloma</i> Dejean, 1821	1039	ICZN 1975
TROGOSSITIDAE	<i>Peltis</i> Kugelann, 1792	1754	ICZN 1994a
ZOPHERIDAE	<i>Colydium</i> Fabricius, 1792	1811	ICZN 1995c
ZOPHERIDAE	<i>Orthocerus</i> Latreille, 1796	1811	ICZN 1995c
ZOPHERIDAE	<i>Rhopalocerus</i> W. Redtenbacher, 1842	1397	ICZN 1986

## Appendix 6

Summary of cases involving Coleoptera family-group names and/or their type genera awaiting a ruling by the Commission. Cases listed in alphabetical order by family.

### CARABIDAE

Engel and Bouchard (2009: Case 3484) reported that the Coleoptera name NOMIIDAE Gozis, 1875 and the Hymenoptera name NOMIIDAE Robertson, 1904 are homonyms based on similar but not identical type genera. Since the Hymenoptera name is currently used as valid and the Coleoptera name is not, the Commission was asked to emend the latter to NOMIUSIDAE Gozis, 1875.

### CHAETOSOMATIDAE

Bousquet and Bouchard (2010) submitted an application to the Commission (Case 3513) to conserve usage of CHAETOSOMATIDAE Crowson, 1952 over CHAETOSOMATIDAE Claus, 1872 [Nematoda]. In addition, the Commission was asked to conserve usage of *Chaetosoma* Westwood, 1851 and *Apodasya* Pascoe, 1863, both threatened by the discovery of the older name *Chaetosoma* Chevrolat, 1843.

### CHRYSOMELIDAE

An application to conserve *Eupales* Lefèvre, 1885 and EUPALINI Verma et al. 2005 was recently submitted by Jolivet and Verma (Bulletin of Zoological Nomenclature 2009: 204; see notice of “New applications to the Commission”). This Case (number 3498) has not been published yet.

Moseyko et al. (2010) submitted an application to the Commission (Case 3519) to conserve usage of *Eumolpus* Weber, 1801 and *Bromius* Chevrolat, 1836.

### CURCULIONIDAE

An application to conserve usage of PLINTHINI Lacordaire, 1863 and to designate *Plinthus* Germar, 1817 as its type genus was recently submitted by Alonso-Zarazaga and Lyal (2010: Case 3530).

An application to emend the entries for *Otiorhynchus* and *Loborhynchus* in the Official List of Generic Names in Zoology was recently submitted to the Commission by Lyal and Alonso-Zarazaga (2010: Case 3529).

**EUCNEMIDAE**

Muona (1994; see notice of “New applications to the Commission”) submitted an application to conserve usage of EUCNEMIDAE Eschscholtz, 1829 over MELASIDAE Fleming, 1821. This Case (number 2938) was not subsequently published in the Bulletin of Zoological Nomenclature and is apparently not closed (ICZN secretariat pers. comm. 2010). The status of this application is still uncertain.

**GYRINIDAE**

The name ENHYDRINI Régimbart, 1882 is a junior homonym of the mammalian name ENHYDRINI Gray, 1825. An application was recently submitted to the Commission by Özdikmen and Darilmaz (2010: Case 3514) to remove the homonymy by changing the stem of the beetle name to Enhydrus-.

**LAMPYRIDAE**

Svenson and Branham (2007: Case 3402) submitted an application to remove the homonymy between PHOTININI LeConte, 1881 and PHOTININAE Giglio-Tos, 1915 [Mantodea]. Both family-group names are correctly formed and are based on similar but not identical type genera. The Commission was asked to emend the Mantodea name to PHOTINAINI Giglio-Tos, 1915.

**LATRIDIIDAE**

Bousquet et al. (2010) submitted an application to the Commission (Case 3517) to give precedence to LATRIDIIDAE Erichson, 1842 over CORTICARIIDAE Curtis, 1829 whenever their type genera are placed in the same family-group taxon and to conserve the current usage of *Corticaria* Marsham, threatened by the discovery of an overlooked type species designation.

**STAPHYLINIDAE**

An application to conserve ATHETINI Casey, 1910 and ATHETINA Casey, 2010 was recently submitted by Gusarov (Bulletin of Zoological Nomenclature 2010: 270; see notice of “New applications to the Commission”). This Case (number 3537) has not been published yet.

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